



# 4-H Swine

Jasper County  
Record Sheet C  
Grade 10

Name: \_\_\_\_\_ 4-H Club \_\_\_\_\_

1. Where and when was the practice of finishing hogs on maize first adopted?

\_\_\_\_\_

2. What 1870 invention enabled fresh pork to be shipped over long distances without spoilage? \_\_\_\_\_

3. The main source of energy in a pig's diet comes from \_\_\_\_\_ and \_\_\_\_\_. They are the primary fuels used in maintaining \_\_\_\_\_ and producing \_\_\_\_\_.

4. Match the following feed ingredients with their nutrient group.

_____ Brewer's Grain	_____ Milo	a. Energy
_____ Corn	_____ Soybean Hulls	b. Minerals
_____ Dicalcium Phosphate	_____ Soybean Meal	c. Protein
_____ Hay Cubes	_____ Trace Mineral Salt	d. Vitamins
_____ Linseed Meal	_____ Whole Grain Oats	e. Water

5. Match the feed ingredient with its identifying characteristic.

_____ Blood Meal	a. Looks like small rocks of various sizes
_____ Dried Molasses	b. Sweet smell; made from sugar beets or cane
_____ Dried Sugar Beet Pulp	c. By-product of the meat industry
_____ Dried Whey	d. Looks like a dried root
_____ Fish Meal	e. Looks like crumbled bran cereal
_____ Ground Limestone	f. Look for a crease along middle of the side
_____ Wheat Middlings	g. Smells like fish, look for tiny bone chips
_____ Whole Grain Wheat	h. By-product from making cheese

6. List two feeding systems that can be utilized in a swine production program.

- a. \_\_\_\_\_
- b. \_\_\_\_\_

7. What is the primary objective for nutrition of weanling pigs? \_\_\_\_\_

\_\_\_\_\_

8. What are the three primary objectives of nutrition of a gestating sow?

- a. \_\_\_\_\_
- b. \_\_\_\_\_
- c. \_\_\_\_\_

9. A gestating sow should only consume \_\_\_\_\_ pounds of feed per day. This amount is dependent on what five factors?

- a. \_\_\_\_\_
- b. \_\_\_\_\_
- c. \_\_\_\_\_
- d. \_\_\_\_\_
- e. \_\_\_\_\_

10. What will happen to a lactating sow whose diet contains inadequate quantities of calcium and phosphorus? \_\_\_\_\_

\_\_\_\_\_

11. What four products do “complex starter diets” contain?

- a. \_\_\_\_\_
- b. \_\_\_\_\_
- c. \_\_\_\_\_
- d. \_\_\_\_\_

12. What two things do dried milk products contain that are highly digestible to young pigs?

\_\_\_\_\_ and \_\_\_\_\_

13. What does SEW stand for? \_\_\_\_\_

How long should a SEW diet be fed to pigs? \_\_\_\_\_

14. Why are fats added to swine rations? \_\_\_\_\_

\_\_\_\_\_

15. What are four important Quality Assurance topics to the producer?

- a. \_\_\_\_\_
- b. \_\_\_\_\_
- c. \_\_\_\_\_
- d. \_\_\_\_\_



# 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
	#	\$
	#	\$
	#	\$
	#	\$
<b>Grand Total</b>	<b>#</b>	<b>\$</b>

Did you give a demonstration? Yes \_\_\_\_\_ No \_\_\_\_\_

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

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

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<b>Financial Summary</b>	
<b>Item</b>	<b>Cost</b>
<b>Income</b>	
Sale of animals (estimate income, if not yet sold) OR estimate value for breeding animals.	
Any other income from project (i.e. Open Shows)	
<b>Total Income</b>	\$
<b>Expenses</b>	
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)	
<b>Total Expenses</b>	\$
<b>Income – Expenses: Actual or Projected Profit (loss)</b>	\$

<b>For Market Animals Only</b>					
	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					