

# 4-H Swine

Union County  
Record Sheet  
A Grade 10

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

Leader Signature: \_\_\_\_\_ Date: \_\_\_\_\_

1. Name four benefits to becoming involved in the 4-H swine project: \_\_\_\_\_

\_\_\_\_\_

2. Which city became such a major pork processing center in the 1860's, that it was known as "Porkopolis"? \_\_\_\_\_

3. Every market hog should have its carcass evaluated for what four important traits? \_\_\_\_\_

\_\_\_\_\_

4. What primarily determines the value of a market hog at slaughter? \_\_\_\_\_

\_\_\_\_\_

5. Which pork by-product ranks second only to meat in the important contributions hogs make to society? \_\_\_\_\_

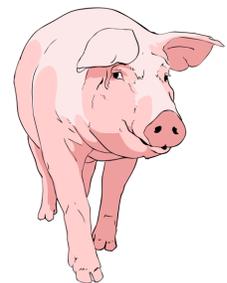
6. How many grams of fat does a 3 oz. broiled pork tenderloin have compared to the same size beef tenderloin? \_\_\_\_\_

7. \_\_\_\_\_ is a result of metabolism of carbohydrates and fats that are in a pig's diet.

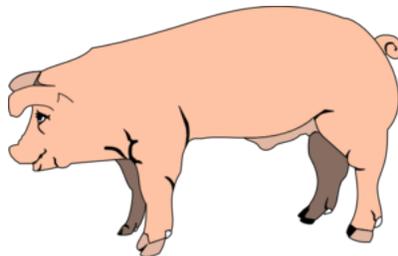
8. Compounds that assist the body in the assimilation and use of the other nutrients are called: \_\_\_\_\_

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

- |                        |                          |             |
|------------------------|--------------------------|-------------|
| _____ Bone Meal        | _____ Fish Meal          | a. Energy   |
| _____ Buckwheat        | _____ Molasses           | b. Minerals |
| _____ Corn             | _____ Soybean Meal       | c. Protein  |
| _____ Dried Whey       | _____ Trace Mineral Salt | d. Vitamins |
| _____ Ground Limestone | _____ Urea               | e. Water    |



10. Requirements for breeding gilts for vitamins and minerals are \_\_\_\_\_ than those of grower and finisher pigs.
11. This disease is an inflammation of the mucous membranes that line the pig's nose: \_\_\_\_\_
12. This chronic disease affects pigs of all ages starting with those as young as 10 days, but signs of the disease are often not noticed until after 3 months of age. \_\_\_\_\_
13. This is a highly contagious viral disease characterized by vomiting, diarrhea and nearly 100% mortality in pigs less than 2 weeks old. \_\_\_\_\_
14. Illnesses that can be transmitted between humans and animals are called: \_\_\_\_\_
15. A sound genetic improvement program should include what four features? \_\_\_\_\_
16. What is a chromosome? \_\_\_\_\_
17. How many chromosomes does a pig have? \_\_\_\_\_
18. EPD stands for \_\_\_\_\_
19. List three important genetic abnormalities: \_\_\_\_\_
20. What is the gestation period for a sow? \_\_\_\_\_



Horses, cats, and dogs are not required to complete numbers 2 and 3.

### Animals Owned

Animals Name	Breed	Sex	Date of Birth	Date Obtained

**1. Expenses for the Animal(s)**

Animal(s) *if purchased*                    \$ \_\_\_\_\_  
 Feed     \$ \_\_\_\_\_  
 Bedding    \$ \_\_\_\_\_  
 Vet    \$ \_\_\_\_\_

Total Expenses            \$ \_\_\_\_\_

**2. Income from Animal(s) *market animals sold***                    \$ \_\_\_\_\_

Estimated value of animal to be sold in 4-H Auction \$ \_\_\_\_\_

Total Income                \$ \_\_\_\_\_

**3. Value of breeding animals**

Value of your cat or dog

Asset Value                 \$ \_\_\_\_\_

\$ \_\_\_\_\_

Net Profit / Loss         \$ \_\_\_\_\_

Member Signature: \_\_\_\_\_

Parent Signature: \_\_\_\_\_

Leader Signature: \_\_\_\_\_