

PURDUE EXTENSION BOONE COUNTY

4-H SWINE WORKSHEETS

Grade 6-B



Name: _____
Club Name: _____

Grade: _____
Date: _____

1. _____ was the person who first introduced pigs to North America in what year?

- a. 7000 B.C.
- b. 1492
- c. 1500
- d. 1539
- e. 1825

2. The foundation for the modern U.S. pork industry was the introduction of the Old World's _____ to the New World's _____.

3. Name four things you should know after deciding to take a 4-H swine market and or breeding project:

- a. _____
- b. _____
- c. _____
- d. _____

4. Which breed of hog originated in Butler and Warren counties in Ohio? _____

5. Structural _____ and _____ are important for profitable pork production.

6. The presence of the Napole Gene is associated with what three muscle qualities?

Answers can be found in the OSU Swine Resource Handbook – 4-H 134R.

- a. _____
- b. _____
- c. _____

7. In regards to the stress gene, match the genotypes below:

- | | |
|----------|--------------------|
| _____ nn | a. Stress Carriers |
| _____ Nn | b. Normal |
| _____ NN | c. Stress Positive |

8. Which of the above produces the carcass with the highest amount of lean? _____

Which produces pale, soft, exudative carcasses more than 90% of the time? _____

9. LMA stands for _____

10. The average loin muscle area in swine is between _____ and _____ square inches.

11. Why don't packing companies split the loin to assess loin muscle area?

What do packing companies do instead of splitting the loin? _____

12. It is estimated that 90% or more of the swine herds in the United States are infected with this chronic disease. _____

13. Infection with internal parasites is usually acquired by _____.

14. Due to their colorblindness, hogs have extreme sensitivity to _____.

- a. Colors
- b. Contrast
- c. Clarity
- d. Corn

15. Swine are cautious when moving from one type of _____ to another.

16. List three items of equipment that an animal handler can use to protect themselves when working with livestock.

- a. _____
- b. _____
- c. _____