

PURDUE EXTENSION BOONE COUNTY

4-H Dairy Goat Worksheets

Grade 8-B



Name: _____

4-H Club: _____

Date: _____

Dairy Goats

1. Explain the roles of the mammary gland. _____

2. Explain the difference between "acute mastitis" and "chronic mastitis". _____

3. What should teats be dipped in immediately after milking? _____

4. Match the following:

_____ Alveolus

A. Milk empties out of this area through the streak canal.

_____ Teat Cistern

B. Blood leaves the udder through this.

_____ Keratin

C. Smallest unit in the udder, made up of single layer of epithelial cells.

_____ Sphincter Muscles

D. Sticky, waxy substance that keeps bacteria out of the mammary gland.

_____ Milk Vein

E. Circular muscles surrounding streak canal.

5. Approximately how much blood passes through the udder for each pound of milk that is produced? _____

6. _____ is the most important hormone in the milking process. What is this hormone responsible for? _____

7. Once oxytocin is stimulated, approximately how long does it take for full milk letdown to respond? _____