

PURDUE EXTENSION BOONE COUNTY

4-H Goat Worksheets

Grade 5-A



Name: _____

4-H Club: _____

Date: _____

Housing Facilities, Manure Management/Environmental Quality and Record Keeping

1. Match the Following

- | | |
|---------------------|------------------------------------------------------------------------------------------------------------------|
| _____ Warm Housing | A. Building that is uninsulated, has natural ventilation and temperatures similar to outside temperatures. |
| _____ Loose Housing | B. Environmentally controlled building, keeping temperatures above freezing, regardless of outside temperatures. |
| _____ Stall Housing | C. Where animals are confined to their box or tie stalls. |
| _____ Cold Housing | D. Normally used for dairy goats including freestalls. |

2. Goats are most comfortable between _____ and _____ degrees F.

3. When temperatures elevate past _____ degrees F, problems arise with _____, _____ and _____.

4. This type of housing uses less bedding, houses animals that receive more individual care and are considered more labor intensive. _____

5. Kids are normally weaned at this age. _____

6. No matter what type of housing or operation you have, your goats must be in an area that is _____, _____, and free from _____.

7. In extremely cold weather, _____ can used to help maintain body temperature.

8. Bucks require _____ to _____ square feet of pen space and _____ square feet of exercise area per animal.

9. Good fencing is key with goats for two reason; name them.

_____ and _____

10. Dairy goats excrete how much feces and urine? _____/day

11. As an animal owner and caretaker there are specific _____ regulations that must be followed to protect the water supply.

12. What is the best way to control flies on livestock farms? _____

13. What does DHIA stand for? _____

14. Match the following:

- _____ Herd Management
- _____ Performance Information
- _____ Business Management
- _____ Fixed Costs
- _____ Variable Costs

- A. Overhead expenses such as equipment and labor
- B. Costs incurred because of your project, such as feed, veterinary expenses, and bedding.
- C. Milk yield or growth
- D. Focuses on whether the farm makes a profit.
- E. Focuses on productivity and health of the animals and their environment.

15. Profit = _____ - _____

16. Label the following costs according to what type of cost they are: (F) Fixed or (V) Variable

- | | | |
|------------------------|------------------|-----------------------|
| _____ Straw | _____ Vet Papers | _____ Buckets/Feeders |
| _____ Replacement Milk | _____ Hay | _____ Penicillin |
| _____ Barn Electric | _____ Grain | _____ Labor |

17. Based on the housing requirements that goats must have, design a pen and exercise area you would have for your 4-H goats. (Money is not an option in this scenario, so dream big)