



4-H Goat Project

Jasper County
Record Sheet C
Grade 5

Name: _____ 4-H Club: _____

Housing Facilities, Manure Management/Environmental Quality and Record Keeping

1. List below the criteria that needs to be met for goat housing:

- A. _____
- B. _____
- C. _____
- D. _____

2. The two **types** of housing that are commonly used for goat are _____ and _____. The two most common **methods** of housing goats are _____ housing and _____ housing.

3. Goats are most comfortable when temperatures are between ____ and ____ degrees.

4. Problems arise with _____, _____, and _____ when the temperatures get over 80 degrees F.

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

6. Sick pens for goats should be approximately ____ to ____ square feet.

7. If a goat is sick with an infectious disease, in regards to penning, what should you do and why?

8. Match the Following

- | | |
|---------------------|--|
| _____ Warm Housing | A. Building that is uninsulated, has natural ventilation and near 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. |

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

10. Define a watershed according to the US EPA: _____

11. What is the most common concern with air quality with relation to animal agriculture? _____

12. 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.

13. Profit = _____ - _____

14. Indicate whether the following costs listed below are Variable or Fixed Costs. (V or F)

- | | |
|------------------|--------------------------|
| _____ Facilities | _____ Vet Expense |
| _____ Equipment | _____ Labor & Management |
| _____ Feed | _____ Bedding |
| _____ Ear Tags | _____ Insurance |
| _____ Taxes | _____ Breeding Fees |

15. Based on housing requirements that goats must have, design a pen and exercise area you would have for your 4-H goats. (Cost is not a factor, so dream big)

