

Dairy Tutorial 1 – Harper Adams University Dairy Unit

Answer the following from the information that you are given during your visit to the dairy unit and from additional reading.

1. a) How many cows are there in the HAU dairy herd?

 b) How does this compare to the national average?

2. a) What breeds of cows are in the herd

 b) Why have these been chosen?

3. a) What is the annual milk yield per cow?

 b) How does it compare to the national average?

4. What are the current milk butterfat and protein levels for the HAU dairy herd?

5. a) What are the current Bactoscan and Somatic Cell Counts (SCC)?

6. b) Are the SCC and Bactoscan results low, satisfactory or high?

7. What is the current monthly milk price (p/litre)?

8.
 - a) What is the target number of calvings per month?

 - b) How is this pattern of calvings described?

9.
 - a) How are the cows put in-calf?

 - b) What are the benefits of using this method?

10. How many cows are currently 'in milk'?

11.
 - a) How many groups of cows is the herd managed in?

 - b) What are these groups?

12. Why are the cows kept in different groups?

13.
 - a) What types of housing are used for the cows?

 - b) Which management groups are kept in which type of housing?

 - c) Why?

14. a) What type of diet is fed?

b) What are the benefits of this type of diet?

15. a) How many different diets are fed?

b) Why are different diets fed?

16. What is the cost of the milking cow ration?

17. What type of milking parlour are the cows milked in?

18. How many cow stalls are there on the platform?

19. Name some of the features of the parlour and collecting yard.

20. What is the milking routine?