

Nova Scotia Dairy Industry

1. What is a dairy cow?
2. Define each of the following terms.
 - Heifer
 - Bull
 - Steer
 - Calf
3. What does the dairy cow eat and then turn into milk?
4. What is a ruminant? Explain the process by which an ruminant animal eats and digest food.
5. Describe, in detail, one interesting fact regarding dairy cows
6. Which counties are known for producing the most milk in Nova Scotia?
7. How much milk does Nova Scotia produce? What is our dairy farmers overall "farm gate" value? What percentage of Nova Scotia's total value of agriculture production does dairy farming account for?
8. Explain, in great detail, how milk is produced?
9. How much milk does a cow produce each day?
10. How much food and water does a cow consume each day?
11. How often are cows usually milked each day?
12. What does the term "Loose housing" refer to? "Free stall"? "Tie Stall"?

13. How does the milk get from the cow to the dairy processing plant?
14. What are the various ways in which farmers ensure the sanitation of their dairy farms?
15. What are some of the more common products made from milk?
16. What happens to the milk at the processing plant?
17. Explain "Pasteurization".
18. Explain "Homogenization".
19. How long does it take processing plant to package the milk once they get it?
20. In what form is the majority of the milk in Nova Scotia sold as?
21. What are the four fluid milk processing companies in Nova Scotia?
22. What are the three small specialty plants in Nova Scotia and where is each located?
23. What challenges do dairy producers face?
24. List 7 careers that are directly involved in producing milk.