

DAIRY CATTLE

Sonoma County 4-H

Name: _____ Date: _____

Guidelines for Project Proficiency Award

Advanced:

Date Leader's
Completed Initials

1. The most important showing period of a Dairy Heifer's life is usually her first two years. To grow properly and to be safe, a heifer needs to be immunized against disease and medicated to remove parasites. Please answer these questions about disease and parasite control in the first 2 years of a Dairy Heifer's life:
 - a. At 2 months of age your dairy calf should receive her first inoculations. What are they and explain briefly each of the diseases they prevent. _____
 - b. What is brucellosis and when and why should a calf be vaccinated for it by your vet? _____
 - c. Discuss de-worming and when it should be done. With what? Why? _____
2. Cattle are called ruminants. How many stomachs compartments do ruminants have? _____
3. Please name each stomach compartment and its function in the cow. _____
4. The mammary system is the most important characteristic of the dairy cow. It is the one element that makes the cow so different and valuable compared to other bovine. Please discuss in detail what happens during the milking process that allows that milk to come from the cow. _____

Project Leader's Signature of Completion: _____

Date: _____

Club Leader's Signature of Completion: _____

Date: _____