

DAIRY CATTLE

Sonoma County 4-H

Name: _____ Date: _____

Guidelines for Project Proficiency Award

Intermediate:

	<u>Date</u> <u>Completed</u>	<u>Leader's</u> <u>Initials</u>
1. Lactation relies heavily on the reproductive cycle of the dairy cow.	_____	_____
What is the period of receptivity to breeding called?	_____	_____
2. How often does it occur?	_____	_____
3. There are distinct stages to a cow or heifer's heat cycle. One of the most obvious signs that a cow or heifer is in heat is _____ heat.	_____	_____
4. How long does this period last?	_____	_____
5. What are some secondary signs that a cow is in heat?	_____	_____
6. When is the egg released?	_____	_____
7. When is the best time to breed a cow during its heat cycle?	_____	_____
8. What is the function of the cow or heifer's ovaries?	_____	_____
9. What separates the uterus from the vagina?	_____	_____
10. To avoid disease transfer, which type of breeding technique is preferred?	_____	_____
a. natural breeding by a bull		
b. artificial insemination		
11. Name some advantages and disadvantages of artificial insemination for dairy cows and heifers.	_____	_____
12. Name some advantages and disadvantages of natural breeding for dairy cows and heifers.	_____	_____

Project Leader's Signature of Completion: _____

Date: _____

Club Leader's Signature of Completion: _____

Date: _____