**Mendocino County Youth Development Program**

**Level III Beef Proficiency**

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Club: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

***To obtain the Level III Beef Proficiency, complete 80% of the following items***.

Data Completed/

Project Leader Initials:

\_\_\_\_\_\_\_\_\_1. Demonstrate how to complete one (1) of the management records required in for a species or breed operation (example: pedigree, registration, production record, etc.)

\_\_\_\_\_\_\_\_\_2. Prepare management records for a minimum of 120 days (on feed including feed, costs, and management techniques to raise a steer.

\_\_\_\_\_\_\_\_\_3. Contact a local, state, or national association related to your animal breed and report to your 4-H group what the association has to offer to members and other interested individuals.

\_\_\_\_\_\_\_\_\_4. Research and present a report on the history of one (1) beef breed or species to your project or club group.

\_\_\_\_\_\_\_\_\_5. Explain the following terms: inbreeding, line breeding, out breeding giving the advantages and disadvantages of each and explain how good selection can improve the stock.

\_\_\_\_\_\_\_\_\_6. Invite a guest speaker to address an issue related to the beef project at a local or county meeting or event.

\_\_\_\_\_\_\_\_\_7. Describe the digestive system, anatomy and physiology, for a beef species and describe how it differs from other species.

\_\_\_\_\_\_\_\_\_8. Explain the different types of feeds/diets and the nutritional components (fats, protein, carbohydrates, minerals, vitamins, water) and nutritional values.

\_\_\_\_\_\_\_\_\_9. Explain three (3) diseases or health conditions not previously known to you and give the treatments and/or preventions for each.

\_\_\_\_\_\_\_\_10. Present a talk on a secondary aspect or by-produce of the beef industry.

\_\_\_\_\_\_\_\_11. Demonstrate at least three (3) methods of administering medications and tell the advantages and disadvantages of each method.

\_\_\_\_\_\_\_\_12. State the normal vital signs (temperature, respiration, heart rate, etc.) for your beef animal.

\_\_\_\_\_\_\_\_13. Describe five (5) ways to efficiently manage financial resources and describe management strategies in raising a market animal.

\_\_\_\_\_\_\_\_14. Design an advertisement or a marketing strategy for your animal or animal by-products.

\_\_\_\_\_\_\_\_15. Help plan and implement a community service or service learning project related to

 the beef project.

\_\_\_\_\_\_\_\_16. Help plan or coordinate a beef field day, skills contest, or judging contest for club or county project members.

\_\_\_\_\_\_\_\_17. Participate in a judging and showmanship competition.

\_\_\_\_\_\_\_\_18. In relation the beef project, develop and promote beef production through a public

 display or media.

**Completion of Level III Beef Proficiency**

The member has successfully completed 80% (15 of 19) of the above items

Member’s Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Project Leader’s Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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