**Mendocino County 4-H Youth Development Program**

**Level III Swine Proficiency**

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

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

Date Completed/

Project Leader Initials:

\_\_\_\_\_\_\_\_ 1. Participate in a swine-judging contest.

\_\_\_\_\_\_\_\_ 2. Explain the differences and advantages of register and grade animals.

\_\_\_\_\_\_\_\_ 3. Report to your project group or club on the history of a breed of swine.

\_\_\_\_\_\_\_\_ 4. Define and explain the advantages and disadvantages of the following terms: inbreeding, out-breeding, line breeding.

\_\_\_\_\_\_\_\_ 5. Describe what important inheritable traits should be considered in breeding swine.

\_\_\_\_\_\_\_\_ 6. Compare the swine’s digestive system with that of ruminants.

\_\_\_\_\_\_\_\_ 7. Explain the following farrowing practices:

* Farrowing pen set-up
* The different signs to tell when a gilt is in heat
* How you know the day of a heat cycle
* What age to breed a gilt and to state using a boar

\_\_\_\_\_\_\_\_ 8. Observe or participate in the castration of swine. Explain the process.

\_\_\_\_\_\_\_\_ 9. Explain what important care is needed within the first three (3) days for newborn pigs.

\_\_\_\_\_\_\_10. What are the symptoms and treatments/vaccinations for the following diseases:

 Erysipelas

 Atrophic Rhinitis

 Brucellosis

 Pneumonia

 Leptospirosis

\_\_\_\_\_\_\_ 11. Assist in the organizing and planning of a county, sectional, or state swine event.

\_\_\_\_\_\_\_ 12. Contact a local, state or national association related to you animal breed and determine what this association has to offer. Share this information with your project leader and/or project members.

\_\_\_\_\_\_\_13. Research and give a presentation on the pros and cons of using swine in

 medical research.

\_\_\_\_\_\_\_ 14. Participate in or organize a community service project or service learning

 project related to the swine project.

Date Completed/

Project Leader Initials

\_\_\_\_\_\_\_ 15. Demonstrate at least three (3) methods of administrating medications to a pig. Describe when you would use each method and explain why.

\_\_\_\_\_\_\_ 16. Explain how to read and/or complete two (2) of the management records for raising swine. Examples: daily feed record, bill of sale, health record, breeding swine farrowing record, inventory, expenses, Rate of Gain, carcass information, meat value or show record.

\_\_\_\_\_\_\_17. Using the principles of swine judging, describe the important points to consider when selecting breeding gilts, boars, and market hogs.

\_\_\_\_\_\_\_18. Define the following terms:

* Grade animal
* Purebred animal
* Sire
* Creep feeding
* Dam
* Yield percentage

**Completion of Level III Swine Proficiency**

The member has successfully completed 80% (14 of 18) of the above items.

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

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

Page 2 of 2 Revised 2013