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

**Level IV Swine Proficiency**

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

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

Date Completed/

Project Leader Initials:

\_\_\_\_\_\_\_\_\_\_\_\_ 1. Describe the following hereditary defects or abnormalities:

* Cryptorchidism
* Ruptures
* Atresia anus
* Rectal prolapse,
* Swirls
* Hermaphroditism
* Myoclonic congenita
* Infantile vulva

\_\_\_\_\_\_\_\_ 2. On a diagram, identify the parts of the reproductive system of the male and female pig.

\_\_\_\_\_\_\_\_ 3. Research and present the advantages and disadvantages of artificial insemination versus natural breeding when breeding swine.

\_\_\_\_\_\_\_\_ 4. Explain how the principles of genetics are important to ongoing production of swine.

\_\_\_\_\_\_\_\_ 5. Research the marketing and current outlook information and explain how this information is useful in adjusting for production and marketing at the local or regional level.

\_\_\_\_\_\_\_\_ 6. Research and explain the economics of feeder pig production.

\_\_\_\_\_\_\_\_ 7. Help in the planning and presenting of a county or regional event to help members learn about raising pigs. Examples: workshops, field days, Ag Days, Ag Expo.

\_\_\_\_\_\_\_\_ 8. Develop a breeding program, keeping accurate production records and

 develop a health and vaccination program for your swineherd.

\_\_\_\_\_\_\_\_ 9. Explain the resources and procedures needed for feeding and managing a sow with litter.

\_\_\_\_\_\_\_ 10. Participate in livestock judging and/or carcass evaluation event/program.

\_\_\_\_\_\_\_ 11. Give a presentation related to a swine project to a group other than 4-H.

\_\_\_\_\_\_\_ 12. Explore and report a career and/or educational opportunities related to livestock and/or meats that you might choose in the future.

\_\_\_\_\_\_\_ 13. Research ways to incorporate science into the swine project, such a conducting an experiment.

Date Completed/

Project Leader Initials

\_\_\_\_\_\_\_ 14. Explore and report on the economics, consumer impact, or ethical issues related to raising swine.

\_\_\_\_\_\_\_ 15. Plan a community service or service-learning project for you club or county 4-H community.

\_\_\_\_\_\_\_16. Invite and arrange for a speaker to address your pig project or county event on improving the swine project.

**Completion of Level IV Swine Proficiency**

The member has successfully completed 80%(13 of 16) of the above items.

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

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

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