Mendocino County 4-H Youth Development Program
Level III Beekeeping Proficiency

Name: _____ Club: _____

To obtain the Level III Beekeeping Proficiency, complete 80% of the following items.
Date Completed/
Project Leader Initials:

_____ 1. Develop a beekeeping calendar (management practices for each month) in collaboration with the members in your project.

_____ 2. Demonstrate how to divide a colony.

_____ 3. Photograph and identify 25 flowering plants on which you observe bees foraging.

_____ 4. Name the time of year when plants the bees forage are in bloom.

_____ 5. On each frame inside the hive are cells made of wax. Keep a record of the day and time when you see cells containing eggs, pollen, propolis, honey, queen bees, and drones on a Record Book Annual Project Report form. Include a copy with this proficiency.

_____ 7. Explain how honeybees use pheromones and dance to communicate.

_____ 8. Explain why honeybees swarm and if the swarm is dangerous to people or animals.

_____ 9. Describe the characteristics and qualities of honey.

_____ 10. Demonstrate how to process and pack a high quality jar of honey. Describe six common errors in packing honey. State the USDA honey grade standards for Grade A and Grade B.

_____ 11. Gather resources and start a resource library related to bees and beekeeping.

_____ 12. Participate in a community service or service learning activity related to the bee project.

_____ 13. Participate in a judged county event or fair with products related to the beekeeping project (exhibit, information booth, honey or foods made with honey).

The member has successfully completed 80% (11of13) of the above items.

Resources: Virginia 4-H, 'The Buzz about Bees': http://pubs.ext.vt.edu/380/380-070/380-070_pdf.pdf) **4-H Beekeeping manuals, online only:**
Understanding the Honey Bee, 4-H 571-W, Working with Honey bees, 4-H 586-W,
Advanced Beekeeping Methods, 4-H 593-W, Facilitator/Helper's Guide

Member's Signature: _____

Project Leader's Signature: _____