

BEEKEEPING

STATE FAIR ENTRY: Yes

EXHIBIT BY: All * items must come to project judging.

Division	Project Book	Record Book
Division 1	4-H-571-W	4-H-571A-W*
Division 2	4-H-586-W	4-H-586A-W*
Advanced	4-H-593-W	4-H-593A-W*
NOTE: You MUST complete 3 activities in your project book each year.		



JUDGING TIME: Saturday, July 17 at approximately 10:00 a.m. Check in your project on Saturday, July 17 between 7:30 and 8:45 a.m.

PROJECT DESCRIPTION:

This project will help you learn about bees and beekeeping. You will learn about the types of bees, the honey and wax they produce, the plants that attract bees, and the equipment a beekeeper needs. If you want to set up your own hive, you'll learn basic beehive care, how to extract and bottle honey. Advanced topics include: increasing the number of your honey bee colonies, increasing honey production, producing special kinds of honey, and learning more about bee societies.

EXHIBIT:

Poster Requirements:

1. Poster exhibits should have the standardized exhibit card in the lower right hand corner with the 4-H member's name, project and club. You should allow room on your poster for the exhibit card (Height - 3½" x Width – 4¼"). The exhibit card will be available at check-in time at the fair. NOTE: Add your name, club and the date poster was completed in the bottom right corner in permanent ink under the plastic, where the exhibitor card will cover.
2. Posters must be 22" x 28" and DISPLAYED HORIZONTALLY and not vertically.
3. POSTER MUST BE SELF-SUPPORTING (remain standing when leaned at a slight angle). Use heavy cardboard, foam board, or pegboard for stiffness. For sources of heavy cardboard, contact the Extension Office.
4. All posters must be covered with clear plastic.

All Posters, Notebooks and Display Boards:

All posters, notebooks, and display boards must include a reference list indicating where information was obtained, giving credit to the original author, to complete the 4-H member's exhibit. This reference list should/might include web site links, people and professionals interviewed, books, magazines, etc. It is recommended this reference list be attached to the back of a poster or display board, be the last page of a notebook, or included as part of the display visible to the public. A judge is not to discredit an exhibit for the manner in which references are listed.

General Instructions:

Create an exhibit that shows the public what you learned in the beekeeping project this year. For posters, choose one of the topics listed below, appropriate for your grade in school, and **use that topic** for your exhibit title, so the judges know which activity you completed. You can also use a creative sub-title if you wish.

Notes:

- There are no age specifications for beekeeping exhibits.
- No bee hives may be brought to the State Fair.
- Honey water content will be measured.
- Fill level: the honey should be filled to the jar shoulder, not over, nor under
- Chunk honey should go in a wide-mouth jar, preferably one specially made for chunk honey (see beekeeping catalogs).
- Be careful to distinguish "chunk honey"(comb in jar) from "cut comb" (comb only in box).
- Honey (including chunk, cut comb and comb) must be collected since the previous county fair.

Division 1: (May do 1 – 2 years)

Present one of the following topics on a poster.

1. **Flowers Used to Make Honey** - display pressed flowers from 10 different Indiana plants that bees use for making honey.
2. **Uses of Honey and Beeswax**
3. **Setting up a Bee Hive**
4. **Safe Handling of Bees**
5. **Any other Beekeeping related topic**

Division 2: (May do 1 – 2 years)

Exhibit one of the following:

1. **Extracted honey** - 2 one-pound jars, shown in glass or clear plastic, screw-top jars holding 1 pound of honey each.
2. **Chunk honey** (comb in jar)- 2 one-pound jars(>wide-mouth glass or clear plastic).
3. **Cut-comb honey** - 2 one- pound boxes (These are usually 4½" x 4½" in size).
4. **Working with Honey Bees** - Present a topic from your manual to teach fair goers about working with honey bees. Use your knowledge and creativity to display this information on a poster or in a notebook. **Posters must follow the guidelines listed above.**

Advanced Division: (May do multiple years)

Exhibit two of the four kinds of honey listed below (#1-4) or prepare an educational display about honey bees or beekeeping (#5).

1. **Extracted Honey** - 2 one-pound jars (glass or clear plastic).
2. **Chunk Honey** (comb in jar) - 2 one-pound jars (wide-mouth - glass or clear plastic).
3. **Cut-comb Honey** - 2 one-pound boxes. Boxes are usually 4½" x 4½".
4. **Comb Honey** - 2 sections (honey built by bees in frames of wood commonly called "sections." Boxes are usually 4½" x 4½" in size).
5. **Prepare an educational display** about honey bees or beekeeping.

Independent Study: (Grades 9 - 12)

Exhibit:

- Advanced topic - Learn all you can about a beekeeping topic and present it on a poster. Include a short manuscript, pictures, graphs, and list the works cited to describe what you did and what you learned. Title your poster, **"Advanced Beekeeping - Independent Study."**
- Mentoring - Exhibit a poster that shows how you mentored a younger 4-H member. Include your planning, the time you spent, the challenges and advantages of mentoring, and how the experience might be useful in your life. Photographs and other documentation are encouraged. Title your poster, **"Advanced Beekeeping - Mentor."**

STATE FAIR: Entries for State Fair are: 1 entry for Division 1; No limit for a county but only one per 4-H'ers for Division 2 or Advanced Division; 1 entry for Independent Study.