**Honey Bees are harbworking,** tirelessly gathering nectar and pollen to share with their hive. They provide a vital ecological service by pollinating agricultural, garden and native plants. Explore more about these fascinating insects by participating in the North Carolina 4-H Beekeeping Essay contest. The essay provides a platform for youth to creatively express their working knowledge and research of the craft of beekeeping.

### 2020 Beekeeping Essay Topic

"Overwintering: Bee Survival through the Cold Season"

Honey bees have developed special skills to overwinter in the United States. Please discuss one of these skills and then include a discussion about what you do to prepare your hives for winter. Include a photo of one of your hives, either using infrared technology or showing winter wrap, hay bales, special feeders, etc. to demonstrate how you prepare your hives for winter.

### Essay Guidelines

The scope of the research is an essential judging criterion, accounting for 40% of your score. The number of sources consulted, the authority of the sources, and the variety of the sources are all evaluated. Personal interviews with beekeepers and others familiar with the subject are valued sources of information and should be documented.

Note that "honey bee" is properly spelled as two words, even though many otherwise authoritative references spell it as one word.



A honey bee worker tending to larva

# Beekeeping Essay Peablines

North Carolina Essays are due March 15th, 2020 at 5pm

Essays should be emailed to liz\_driscoll@ncsu.edu



NC STATE EXTENSION

# North Carolina 4-H Beekeeping Essay Contest Rules

- 1. The contest is open to active 4-H Club members only. 4-H'ers who have previously placed first, second, or third at the national level are not eligible; but other state winners are eligible to re-enter.
- 2. Requirements (failure to meet any one requirement disqualifies the essay)
  - Write on the designated subject only.
  - Essay must be typewritten or computer-generated on single-sided pages and formatted following standard manuscript format using double-spaced type and 12pt font in legible font face
  - Length: 750 to 1000 words. Note: Youth that are in the 9-10 age category, only need to write an essay that is between 400-500 words.
  - Word count does not include sources, works cited or the writer's biographical statement.
  - All factual statements and interview references must be cited in a "sources" or "bibliography" list.
  - On a separate page, please include a brief biographical statement of the writer including mailing address, email address and phone number.
- 3. Essays will be judged on (a) scope of research- 40%; (b) accuracy- 30%; (c) creativity- 10%; (d) conciseness- 10%; and (e) logical development of the topic- 10%.
- 4. NC 4-H youth will compete in the following age divisions; 1). 9-10 2). 11-13 and 3). 14-18. Youth awarded first in the 9-10 and 11-13 category will recieve \$25 each. Youth in the 14-18 age category will recieve \$50 and their winning essay will be sent on to the national competition. Youth can only place first one time within an age category.

### National 4-H Beekeeping Essay

The winner of the North Carolina 4-H state Beekeeping Essay is forwarded to the national Foundation for the Preservation of Honey Bees to participate in their national essay contest. Each state 4-H Office is responsible for selecting the state's winner and should set its deadline so state judging can be completed at the state level in time for the winning state essay to be mailed to the Foundation office by April 1st, 2020. No essay received after April 1 will be considered. Each state may submit only one entry.

Final judging and selection of the National Winner will be made by the Foundation's Essay Committee, whose decision is final. The National Winner will be announced June 1st, 2020. All National entries become the property of the Foundation and may be published or used as it sees fit. No essay will be returned. National winning essays will be posted at the Foundation for the Preservation of Honey Bees 4-H Essay website. National prizes include: First Prize: \$750.00, Second Prize: \$500.00, and Third Prize: \$250.00.



Contact: Liz Driscoll, 4-H Youth Specialist
North Carolina 4-H Crop and Soil Science, Entomology,
Plant Pathology and Horticulture
NC Cooperative Extension / NC State University
218 Kilgore Hall, Box 7609, Raleigh, NC 27695
office: (919) 513-7346 / email: liz\_driscoll@ncsu.edu
www.growforit.org

GROW FOR IT