

DIVISION – BEEKEEPING

OBJECTIVES

Members will learn about honey bees, bee products, hives and basic beekeeping technique

REQUIREMENTS FOR PROJECT COMPETITION

· Members will attend 70% of club meetings, have dues paid in full and give a public presentation in accordance with 4-H requirements: <http://someset.njaes.rutgers.edu/4h/PublicPresentations.html>.

Members must fulfill the Requirements to Compete for 4-H Members:
<http://someset.njaes.rutgers.edu/4h/fairexhibitorguide.html>

Members and family must help club fund raising (if applicable).

· All projects are responsibility of member; the 4H or its volunteers are not responsible for lost or damaged entries.

RULES FOR EXHIBITION

1. Members must be registered in the beekeeping club by January 1st to compete.
2. Members must manage their own hive by June 14th (for entries in class 1 through 9)
3. Deadline for fair entries, record book and other items relating to the competition is the Sunday before the fair starts.
4. Members may enter only one entry in each exhibition class.
5. Members must complete a 4-H record book. Members with hives must track and log the progress of their hive(s) in their record book.
6. No honey or product shall be accepted from diseased hives.
7. Hives must be registered with the State of New Jersey and maintained in accordance with the New Jersey Department of Agriculture's Best Management Practices for Beekeepers in Populated Area:
<http://www.nj.gov/agriculture/divisions/pi/pdf/beeguidelines.pdf> .
8. Members and volunteers are asked to wear white, green (without writing or graphics) or 4H shirts while at the Fair
9. Each entry must be labeled with member name, age, school grade, club and email.
10. Prep members (K – 4th grade) and members registered after January 1st may enter for judge's commentary and participation recognition.

CLASSES

The Division Chairperson has the authority to add, delete and/or combine classes in accordance with the number of entries or unforeseen circumstances.

EXTRACTED HONEY DIVISION

- *All entries should be in glass 1lb Queenline or Gamber Classic honey jars. 1st & 2nd year beekeepers may submit a sample of at least 4oz.*
- *Water content above 18.6% will be disqualified*
- *Honey must be from a member's hive.*

- *Jars should be clearly labeled with member's name, town, and contact information (phone number or email address).*

Class 1 Water white, Extra white, White and Extra Light Amber

Class 2 Light Amber Class 3 Amber Class 4 Dark Amber & Dark

HONEY COMB / SPREADS DIVISION

Class 5 Sections - One box or round section or cut comb

Class 6 Creamed Honey - One cylindrical or square, clear glass or plastic 8+ oz. jars

Class 7 Chunk Honey - One cylindrical or square, clear glass or plastic 8+ oz. jars

Class 8 Frame of Honey

- 1 frame of capped honey; from a member's hive. Removal date should be noted.

BEESWAX DIVISION

Class 9 Beeswax

- Single block - 1lb (1st and 2nd year beekeepers may submit a sample of at least 4oz)
- Must use wax from member's hive

Class 10 Jar Candle

- One beeswax candle in a glass jar

Class 11 Taper Candles

- One pair, poured or dipped, pure beeswax (6", 8", 10" or 12")

Class 12 Votive

- One pair molded pure beeswax candle

Class 13 Novelty beeswax

- A single or coordinated set of any size, shape pure beeswax; No wicks & less than 2 lbs.

Class 14 Novelty Candles

- A single or coordinated set, any size, any shape, and pure beeswax
- Must have a wick, less than 2 lbs. May be decorated or painted

TOOLS & INNOVATION DIVISION

Class 15 Beekeeping Tools & Equipment

- A tool or piece or set of equipment used by bees or beekeepers, made by the member.

COSMETICS DIVISION

Submit with recipe- recipe must contain beeswax

Class 16 Hand Cream/lotion

- One Jar of cream ~2oz - 6oz or One Lotion Bar 1oz to 4oz

Class 17 Soap (Bars or Molded)

- Three bars or uniform molded soaps 2-4 oz. each

Class 18 Lip Balm

- Three jars, tins or tubes at least .25 oz. each (uniform jar size and fill)

Class 19 Saddle Soap or Leather Polish - One 2 to 8oz jar or tin**PREPARED FOOD DIVISION**

- *Pre-register by the club meeting in July.*
- *Bring entries to the 4-H Center for judging, (see open food division judging)*
- *At the competition entries must be submitted with 3 typed copies of the recipe.*
- *Entries must be submitted / served in dishware suitable for sampling.*
- *All recipes must have a minimum: 1 teaspoon of honey per serving (except baked goods).*

Class 20 Baked Good

- Recipe must use at least 3 tablespoons of honey.

Class 21 Grilled / Roasted / Seared or Smoked Food

- Honey must be used as a glaze or in the marinade.
- Meat not required, may use vegetable or fruit as primary ingredient.

Class 22 Non-cooked food (Example Salad with honey in dressing)**Class 23 Beverage (Nonalcoholic)****DISPLAY & PUBLIC EDUCATION DIVISION****Class 24 Three Dimensional Sculpture or Craft (in any medium)**

- Must relate to bees or beekeeping, no more than 30 lbs.
- The topic must be eye catching and artistic, no larger than 36"x 36" x 42".

Class 25 Photography Portfolio

- Must relate to beekeeping; can be close-up, scenic or a portrait. No microscope photos.
- Entries must be a set of 4 to 8 pictures 5"x7"s or 8x10"s
- Entries must be displayed in a notebook or photo book.
- Entries must be taken by the member or have the member in the photo.
- Each photo must be labeled with the date taken and type of camera. Focus stacking is allowed.

Class 26 Poster or Collage or Mural or Tapestry or Quilt

- Must relate to beekeeping and show a theme or primary topic, no more than 30 lbs.

- The topic must be clear; posters must be educational; no larger than 32"x42", except quilts.

Class 27 Entomology - Display Mounted Bees

- 3 worker and 3 drone honey bees mounted on pins, displayed in a frame w/ hook for hanging.
- Label with scientific name, date and location collected; plus member name and email on back.
- Must preserve and mount bees for entomology display (wings should be spread)

Class 28 Microscope Analysis Portfolio: Palynology – Pollen or Entomology - Insects

- 4 to 8 samples, one type of flower or insect per sample.