

## DIVISION – BEEKEEPING

### OBJECTIVES

Members will learn about 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 short presentation.
- Members and adults must help club fund raising (if applicable) and 4H fair booth.
- 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 by April 1<sup>st</sup> to compete.
2. Members must manage their own hive by June 10 (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 track and log the progress of their hive in their record book.
6. No honey or product shall be accepted from diseased hives
7. Hives must be registered and maintained in accordance with state and local laws.
8. Members and volunteers are asked to wear white, green (without writing or graphics) or 4-H shirts while at the Fair
9. Each entry must be labeled with member name, age and club.

### 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 Queenline or Gamber Classic honey jars.*
- *Water content above 18.6% will be disqualified*
- *Honey must be made by member's hive.*
- *Honey should be submitted in 1lb jars; 1<sup>st</sup> & 2<sup>nd</sup> year members may submit any size.*

**Class 1 Light**

**Class 2 Light Amber**

**Class 3 Amber**

**Class 4 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 16 oz. jars

- May use up to 20% purchased starter creamed honey, 80% of honey must be from members hive.

**Class 7 Chunk Honey** - One cylindrical or square, clear glass or plastic 16 oz. jars

**Class 8 Frame of Honey**

- One frame of capped honey (wooden or plastic).
- Honey & comb must be made by member's hive. Frame removal date should be noted in log.

#### Beeswax Division

**Class 9 Beeswax**

- Single block - 1lb (1st year members may submit a sample of at least 2 oz)
- 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

**Cosmetics Division**

- *Submit with recipe- recipe must contain beeswax*

**Class 15 Hand Cream/lotion**

- One Jar ~2oz - 4oz

**Class 16 Soap Bars**

- Three bars 2-4 oz. each

**Class 17 Lip Balm**

- Three jars, tins or tubes at least .25 oz. each

**Class 18 Saddle Soap or Leather Polish** - One 2 to 8oz jar or tin**Prepared Food Division**

- *Pre-register at the last club meeting in July with a typed recipe*
- *Bring entry to the 4-H Center for judging on Sat. August 1, 10am.*
- *At the competition entries must be submitted with 3 typed copies of the recipe.*
- *Entries must be submitted / served in dishware suitable for sampling.*

**Class 19 Baked Good**

- Recipe must use 3 tablespoons of honey.

**Class 20 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 21 Non-cooked food (Example Salad with honey in dressing)****Class 22 Beverage (Nonalcoholic)**

- Recipe must have ½ tablespoon per 12oz serving

**Display Division****Class 23 Photos**

- Must relate to beekeeping; can be close-up, scenic or a portrait.
- Entries must be a set of 6 to 8 pictures 5"x7" or 8x10"
- 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.

**Class 24 Poster or Collage**

- Must relate to beekeeping and show a theme or primary topic.
- The topic must be clear and educational, no larger than 32"x42"

**Class 25 Entomology - Display Mounted Bees**

- Three worker and three drone honey bees mounted on pins, displayed in a frame hook for hanging.
- Label each bee's breed (stock), coloration, date collected, and size
- Must preserve and mount bees for entomology display (wings should be spread)

**Class 26 Essay Contest - Essays are due January 14th 2010.**

- Topic is announced by Nov. 1<sup>st</sup> (2010 Topic - Is My Community Honey Bee-Friendly?)
- Essay must be: 12pt typed on white paper, write on designated subject, cite sources of facts, have 750 to 1000 words, include a brief bio of the author (date of birth, gender, mailing address, and telephone). Word count does not include citations.
- Score based on scope of research, accuracy, creativity, conciseness, and logical topic development.

**AWARDS**

Rosettes will be awarded to 1<sup>st</sup>, 2<sup>nd</sup>, and 3<sup>rd</sup>. Other entries receive Danish ribbons.