

Section 61  
APICULTURE

Superintendent - Rosalee Knipp, Jefferson City, MO  
573-751-5505

Asst. Superintendent - Tammie Bishop, Jefferson City, MO  
Judge - Warren Nelson, Lincoln, NE

Amount offered by Fair in this Section .....\$867

JUDGING PROGRAM - Tuesday, August 5, 9:00 a.m.

RULES AND REGULATIONS

Entry Fee is: \$1 per article/item.

- Exhibits that are to be shipped must be on the grounds no later than 3:00 p.m., August 4. Exhibits will be received from 8:00 a.m. to 5:00 p.m., Monday, August 4 at the Agriculture Building. Entries close and must be in place by 5:00 p.m.
- No entries will be accepted after August 4.
- When there is only one (1) exhibit in a class, the exhibitor will receive half of the premium money for the placing awarded by the judge.
- The Missouri State Fair does not guarantee premium money, merchandise, prizes or special awards. Because the State Fair Commission is without constitutional or statutory authority to borrow money for its operation, it reserves the right to prorate premium money because of state budget restraints.
- All exhibits must have been produced in a Missouri apiary of the exhibitor since the 2024 Fair. Dark honey may be a 2024 product but produced since the 2024 Fair. All exhibits must be under the direct management of the exhibitor. **Premiums will be paid to Missouri exhibitors only.**
- No two exhibits of the same class shall be made by the same person or any member of his or her family, or from the same apiary. In the case of a company or partnership, the exhibits shall be entered in the name of the firm or company.
- A class tag must be on each entry.
- Shallow Frame, Brood Frame, Cut and Section Comb honey should not be covered by an opaque covering on either side.
- The color for the extracted honey will be measured using the Jack's Scale honey color grader. One will be available at check in for use.
- Exhibitors will not be allowed to rearrange or remove any part of their exhibit except bees, which may be removed periodically to permit flight.
- The judge will prepare a score card for each exhibitor in each class in both divisions for the purpose of helping the exhibitor improve his or her exhibit.
- Entries will be released at 6:00 p.m., Sunday, August 17, and must be claimed by 8:00 p.m., August 18, or they will be forfeited to the Fair management.

Division A  
BEE CULTURE

Amount offered in this Division by State Fair .....\$465

Specials: A Grand Champion Ribbon and \$20 will be awarded to the outstanding exhibitor in Division A who has won the most premium money. In the event of a tie the Grand Champion Ribbon and money will be awarded to the exhibitor who has won the most blue ribbons. Further ties will be broken by proceeding to the next lower ribbon until a winner is determined.

HONEY

Individual Classes

- Cut comb honey in plastic boxes, all sides visible. Three packages of approximately one pound.  
\$12 \$9 \$8 \$7
- Round comb honey, three packages, with top and bottom of comb visible.  
\$12 \$9 \$8 \$7
- Light bulk comb honey, three 2- or 2 1/2- pound jars  
\$12 \$9 \$8 \$7
- Light extracted honey, three 1- pound queen lined jars  
\$16 \$12 \$10 \$8 \$7 \$6
- Amber extracted honey, three 1- pound queen lined jars  
\$16 \$12 \$10 \$8 \$7 \$6
- Dark extracted honey, three 1- pound queen lined jars  
\$16 \$12 \$10 \$8 \$7 \$6
- Sealed honey, white, brood size frame (9 1/8" x 17")  
\$12 \$9 \$8 \$7
- Sealed honey, white, shallow-depth honey frame (5 3/8" or 6 1/4" x 17")  
\$12 \$9 \$8 \$7
- Candied honey, three 1-pound jars, produced since last year's Fair.  
\$12 \$9 \$8 \$7

BEEES AND BEEESWAX

- Yellow beeswax, approximately 3-pound cake not over one year old  
\$12 \$9 \$8 \$7
- Queen and her bees, with emerging brood, in one-frame observation hive. One 5 3/8" or 6 1/4" frame of honey permitted above bees if desired. Identification of Race preferred.  
\$12 \$9 \$8 \$7

Division B

Amount offered in this Division by State Fair .....\$81

APICULTURAL PRODUCTS

- Art designs in beeswax, 1 to 3 items of molded or sculptured bees wax. Minimum total weight must exceed 1 pound.  
\$16 \$12 \$10 \$7
- Beeswax Candles, six candles that are either molded or dipped. Minimum length of 10 inches.  
\$12 \$9 \$8 \$7

Division C

Amount offered in this Division by State Fair .....\$321

HONEY-GROUP COMPETITION

Any Missouri local beekeeping association may exhibit in any one or all classes listed below. All entries will be governed by the same rules as apply to individual competition. However, premium money will be paid to the local beekeeping association responsible for the entry, and ribbons will be awarded to the individual preparing the entry. Only one entry per class per individual will be permitted; however, other individuals may enter the same class from the same local association. A Grand Champion Ribbon and \$20 will be awarded to the association winning the largest amount of premium money in Division C. In the event of a tie the Grand Champion Ribbon and money will be awarded to the association that has won the most blue ribbons. Further ties will be broken by proceeding to the next lower ribbon until a winner is determined.

**NOTE:** Entries under group competition will not be competing against individual entries.

- Cut comb honey in plastic boxes, all sides visible. Three packages of approximately one pound.  
\$12 \$9 \$8 \$7
- Round comb honey, three packages, with top and bottom of comb visible.  
\$12 \$9 \$8 \$7
- Light bulk comb honey, three 2- or 2 1/2- pound jars  
\$12 \$9 \$8 \$7
- Light extracted honey, three 1- pound queen lined jars  
\$16 \$12 \$10 \$8 \$7 \$6
- Amber extracted honey, three 1- pound queen lined jars  
\$16 \$12 \$10 \$8 \$7 \$6
- Dark extracted honey, three 1- pound queen lined jars  
\$16 \$12 \$10 \$8 \$7 \$6
- Yellow beeswax, approximately 3- pound cake not over 1 year old  
\$12 \$9 \$8 \$7

SCORE SHEET FOR JUDGING APIARY PRODUCTS  
EXTRACTED HONEY

(Classes 4, 5, 6, 17, 18 and 19)

- |                                                                |            |
|----------------------------------------------------------------|------------|
| 1. Degree of Density .....                                     | 20 points  |
| 18.7% or higher .....                                          | 0 points   |
| 18.5-18.6 .....                                                | 6 points   |
| 18.3-18.4 .....                                                | 8 points   |
| 18.1-18.2 .....                                                | 9 points   |
| 17.9-18.0 .....                                                | 10 points  |
| 17.7-17.8 .....                                                | 11 points  |
| 17.5-17.6 .....                                                | 12 points  |
| 17.3-17.4 .....                                                | 13 points  |
| 17.1-17.2 .....                                                | 14 points  |
| 16.9-17.0 .....                                                | 15 points  |
| 16.7-16.8 .....                                                | 16 points  |
| 16.5-16.6 .....                                                | 17 points  |
| 16.3-16.4 .....                                                | 18 points  |
| 16.1-16.2 .....                                                | 19 points  |
| 16.0% or less .....                                            | 20 points  |
| 2. Freedom from crystals .....                                 | 10 points  |
| 3. Degree of cleanliness and freedom from foam (clarity) ..... | 20 points  |
| 4. Cleanliness and neatness of containers .....                | 10 points  |
| 5. Flavor and aroma .....                                      | 20 points  |
| A. Absence of: Off-flavor, overheating and fermentation        |            |
| 6. Color .....                                                 | 10 points  |
| Light= 0-35, Amber= 36-85 and Dark= 86-140                     |            |
| 7. Appearance and suitability of containers .....              | 5 points   |
| 8. Accuracy and uniformity of volume .....                     | 5 points   |
| Total points possible .....                                    | 100 points |

# COMB HONEY AND SEALED HONEY FRAME

(Classes 1, 2, 6, 7, 13, 14)

1. Uniformity of appearance/Neatness of cut ..... 20 points  
(Ragged edges, parallel cuts, four-sided cut and uniformity of size of cut) \*neatness of cut only applies to classes A1 and C13
2. Absence of uncapped cells..... 10 points
3. Uniformity of color ..... 15 points
4. Absence of watery cappings..... 10 points
5. Cleanliness of section and/or frame  
(freedom from stain and foreign matter)..... 15 points
6. Freedom from granulation and pollen ..... 5 points
7. Uniformity of weight ..... 15 points
8. Total weight of entry ..... 10 points
- Total points possible ..... 100 points

## BULK COMB HONEY

(Classes 3, 15)

1. Neatness of cut..... 15 points  
Ragged edges, parallel cuts, four-sided cut and uniformity of size of cut
2. Absence of watery cappings, uncapped cells and  
pollen cells ..... 15 points
3. Cleanliness of product ..... 20 points  
A. No travel stain, specks of foreign matter, flakes of wax, foam and  
crystallization
4. Uniformity of appearance ..... 25 points
5. Density, flavor and appearance of liquid part ..... 20 points  
A. Density determined as #1 under extracted honey
6. Uniformity of volume ..... 5 points
- Total points possible ..... 100 points

## CANDIED HONEY

(Class 8)

1. Appearance, suitability, and uniformity of containers ..... 10 points
2. Color..... 15 points
3. Crystallization (texture - smooth and fine)..... 20 points
4. Firmness of set (not runny but spreadable) ..... 20 points
5. Absence of impurities, including froth, no blemishes ..... 10 points
6. Flavor and aroma..... 20 points
7. Uniformity of volume ..... 5 points
- Total points possible ..... 100 points

## BEESWAX

(Classes 9 & 18)

1. Color, between straw and canary yellow..... 30 points  
(undamaged by propolis, iron stain, etc.)
2. Cleanliness, freedom from surface dirt, honey  
and impurities..... 25 points
3. Freedom from cracking, shrinkage and marks..... 15 points
4. Aroma ..... 15 points
5. Texture (grain)..... 15 points
- Total points possible ..... 100 points

## BEEES IN OBSERVATION HIVE

(Class 10)

1. Bees - uniform color, size and correct type ..... 15 points
2. Queen - age, size, shape, behavior and marking ..... 20 points
3. Brood - compact pattern, show all stages ..... 20 points
4. Variety - presence of queen, workers, drones,  
brood honey, pollen, etc..... 15 points
5. Cleanliness and suitability of the comb ..... 10 points
6. Appearance - cleanliness and suitability of  
observation hive..... 10 points
7. Correct number of bees for interest and ease  
of observation ..... 10 points
- Total points possible ..... 100 points

## ART DESIGN IN BEESWAX

(Class 11)

1. Color between straw and canary yellow..... 25 points
2. Cleanliness (free from honey and impurities)..... 25 points
3. Novelty of mold or sculpture ..... 25 points
4. Neatness of workmanship ..... 25 points
- Total points possible ..... 100 points

## BEESWAX CANDLES

(Class 12)

1. Color between straw and canary yellow..... 25 points
2. Cleanliness (free from honey and impurities)..... 25 points
3. Freedom from cracking, shrinking and marks ..... 25 points
4. Neatness of workmanship ..... 25 points
- Total points possible ..... 100 points