

Department O AGRICULTURE

Superintendent - Charlie Hopper, MDA, Jefferson City, MO
573-522-4170

SECTIONS REPRESENTED
Ham, Bacon and Summer Sausage - Section A
Apiculture - Section B
Horticulture - Section C
Dairy Products - Section D
Hay Contest - Section E

For judging schedules refer to the individual sections.

Total amount offered in this Department\$8,704.80

**Section A
HAMS, BACON AND
SUMMER SAUSAGE**

Superintendent - Charles Rosenkrans, Paris, MO
660-327-4727

Asst. Superintendent - Darrin DeOrnellis, Paris, MO
 Asst. Superintendent - Mary DeOrnellis, Paris, MO
 Asst. Superintendent - Dennis Noring, Jefferson City, MO
 Asst. Superintendent - Leslie Rosenkrans, Paris, MO
 Asst. Superintendent - Josh Bondy, Thompson, MO

Judge - Dr. Bill Stringer, Rocheport, MO
 Judge - Dr. Bryon Wiegand, Columbia, MO
 Judge - Larry Young, Kahoka, MO
 Judge - Ed Woods, Bowling Green, MO

JUDGING PROGRAM -

Country Hams - Wednesday, August 6, 9:00 a.m.
 Mild Cured Ham, Bacon, Summer Sausage and Jerky -
 Thursday, August 7, 10:00 a.m.

Amount offered by Fair in this section..... \$2,174.40

HAM AND BACON AUCTION SALES

Grand Champion Country Ham, Reserve Grand Champion Country Ham and Grand Champion Bacon, which become the property of the Missouri State Fair under the following rules, will be auctioned in a public sale at the Missouri State Fair Ham Breakfast.

GOVERNOR JEREMIAH W. (JAY) NIXON TROPHY

The Governor Jeremiah W. (Jay) Nixon Trophy will be presented to the exhibitor of the Grand Champion Ham at the Missouri State Fair Ham Breakfast, Thursday, August 14, at 8:00 a.m. in the Director's Tent.

Plaques will be presented to the winners of the Reserve Grand Champion Country Ham, Champion Youth Country Ham, and Grand Champion Slab of Bacon.

RULES AND REGULATIONS

Entry Fees are: 1 through 5 articles - \$5.00; 6 through 20 articles - \$10.00; 21 through 35 articles - \$15.00; 36 through 50 articles - \$20.00; 51 through 75 articles - \$25.00; 76 through 100 articles - \$30.00; 101 or more articles - \$35.00.

1. We request exhibits be pre-entered. Forms for pre-entering are on our website. Complete form according to 2014 catalog classifications. We request Country Hams entries be returned before July 21. Entries for mild cured ham, bacon, sausage, snack sticks and jerky must be entered by 10:00 a.m., August 7. 4-H/FFA exhibitors with their county fairs after July 21 may submit a late entry until the drop off date, August 5, 7:00 p.m.
2. **A valid entry must include a complete address and social security number of the exhibitor on all entry blanks.** Do not enclose entry blank in a package with the exhibits.
3. 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.
4. 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.
5. Entry tags will be used as claim checks. Entry tags will be mailed when the completed entry blank is received. Entry tags will be returned to enable tagging before exhibits are brought to the Fair. To expedite matters, please have entry tags completed before arrival at the Fair. Lower part of entry tag is claim check. Blank tags are available on day of accepting exhibits.
6. All entries must have been hand trimmed and cured by the exhibitor within the state of Missouri.
7. No individual exhibitor shall be permitted entry in more than one class in Division A.
8. Rules and regulations of the American Association of Meat Processors (AAMP) will be used as a guideline for judging all classes.
9. Country Ham entries will be received from 9:00 a.m. to 7:00 p.m., Tuesday, August 5 at the Agriculture Building. Entries close and must be in place by 7:00 p.m., Tuesday, August 5. All other entries close August 7, 10:00 a.m.

10. Hams and bacons are not required to be federally inspected to compete in the Ham and Bacon Show. However, only hams and bacons that are federally inspected in origin or curing can compete in the championship classes or be sold.
11. Grand Champion bacon, Grand Champion ham and Reserve Grand Champion ham will become the property of the Missouri State Fair immediately after judging for sale at the Ham Breakfast. They will be auctioned at the Ham Breakfast with 50% of the proceeds going to the winning exhibitor and 50% will be going to the Missouri State Fair Foundation Youth Fund.
12. All exhibits will be released at 6:00 p.m., Sunday, August 17, and must be removed by 8:00 p.m.
13. When availability of space is a concern, some entries may be released early at the discretion of the show Superintendent.

HAMS

1. Hams in Division A consist of hams that have been cured country style.
2. Ham weights accepted are minimum of 12 pounds with no upper limit.
3. The first-place ham in Class 1, 2, 3, 4, 5 and 6 will compete for Grand Champion and Reserve Grand Champion ham.
4. The hams in Class 1 will consist of ham from ham producers curing 25 hams or more per year. The total number of hams entered by a professional producer, his family and his employees shall not exceed 12.
5. Class 2 will be limited to a person 21 years of age and older, family farming unit or household curing less than 25 hams per year. The number of entries shall not exceed 6 per person.
6. Hams in Class 3, 4 and 5 must be cured by person who is under 21 years of age. The number of entries shall not exceed 3 per person.
7. Hams in youth Classes 3, 4 and 5 will be divided by weight after they are entered into the show by the Superintendent to equalize the class size.
8. **To maximize the child's learning, members showing in youth classes are encouraged to do their own project work. The parent and child should decide how much the member is able to do on their own, but having someone else totally do the work for the member is inappropriate.**
9. Hams in Class 6 consist of hams from a non-profit organization or group. Organization or group examples are: a meat class at a school, 4-H group, FFA Chapter, or Block and Bridle Club.
10. Only one entry per group or club in Class 6.
11. Ribbons and trophies presented in Class 6 will be to the organization representing the entry.
12. A member of a family entering a ham in Class 1 prohibits any other member of his or her family, his or her employees or employees' families from entering Class 2, 3, 4, 5 or 6.
13. Commercial hams in class 7 will consist of whole hams with bone in and may not be cut or sliced. Hams shall be cured mildly and may or may not be tenderized. This class is considered to consist principally of pumped hams.
14. All hams in Class 7 must be inspected either at the origin or at the end of processing. Verification of inspection should be available upon request.
15. Entries in Class 7 will become temporary property of the Missouri State Fair. Hams in Class 7 will be donated to a non-profit, charitable organization. This year's recipient is the Samaritan Center, Jefferson City, MO.
16. In Class 7 the total number of hams entered by a producer, his family and his employees shall not exceed 6.
17. Exhibitors in classes 7, 8, 9, 10, 11 & 12 will be allowed to place only 1 product in each category, with the exception of low entries in the category then more placings will be allowed.

BACON

1. The number of bacon slabs entered in class 8 shall not exceed a total of 4 entries per person, a professional producer, his family and his employees, will be limited to a person 21 years of age and older.
2. The number of bacon slabs entered in class 9 shall not exceed a total of 3 entries per person, and must be cured by a person who is under 21 years of age.
3. For judging purposes, bacons entered in this class will be cut and tasted under rules of the American Association of Meat Processors (AAMP).

SAUSAGE

1. The number of sausage sticks entered in Class 10 shall be limited to two per person and not more than 4 per professional producer, his family and his employees.
2. All entries in Class 10 become the property of the Missouri Department of Agriculture.
3. Entries in Class 10 shall be required to be packed in casing. Logos on the casings will be permitted.

NEW4. Entries with mahogany casing will be disqualified.

SNACK STICKS AND JERKY TREATS

1. Meat snack sticks must consist of portion of beef, pork, buffalo, lamb, veal, poultry, seafood or any combination of the above. Product may be skinless or manufactured in an eatable casing, should not require refrigeration and should be ready to eat. Shall not be less than 1/2 pound per entry. No more than two (2) entries per person and not more than four (4) entries per professional producer, his family and his employees.
2. Jerky treats must be ground and formed. Weight not less than 1/2 pound per entry. Must be processed to not require refrigeration and may be eaten without further processing. The number of entries are two (2) per person and not more than four (4) per professional producers, his family and his employees.

WHOLE MUSCLE JERKY TREATS

1. Whole muscle jerky must be formed from 1 whole piece of beef, pork

or poultry. Jerky must not be ground and formed. Jerky must be processed to not require refrigeration. Shall not be less than 1/2 pound per entry. Product may be seasoned according to discretion of entrant. Product must be processed to have a moisture to protein ratio (MRP) of 0.75:1.0 or less. No more than two (2) entries per person and not more than four (4) entries per professional producer, his family and his employees.

| | | Division A | | | | | | | | | | | | | | |
|---------------------------------|------|------------|----|----|----|----|----|----|----|----|----|----|----|----|----|--|
| Class | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | |
| 1 Commercial Class | \$45 | 35 | 25 | 20 | 18 | 15 | 15 | 14 | 14 | 13 | 13 | 12 | 12 | 10 | 10 | |
| 2 Non-Commercial Class | \$45 | 35 | 25 | 20 | 18 | 15 | 15 | 14 | 14 | 13 | 13 | 12 | 12 | 10 | 10 | |
| 3 Youth Class (Lightweight) | \$45 | 35 | 25 | 20 | 18 | 15 | 15 | 14 | 14 | 13 | 13 | 12 | 12 | 10 | 10 | |
| 4 Youth Class (Medium weight) | \$45 | 35 | 25 | 20 | 18 | 15 | 15 | 14 | 14 | 13 | 13 | 12 | 12 | 10 | 10 | |
| 5 Youth Class (Heavyweight) | \$45 | 35 | 25 | 20 | 18 | 15 | 15 | 14 | 14 | 13 | 13 | 12 | 12 | 10 | 10 | |
| 6 Country Ham-Group Competition | \$45 | 35 | 25 | 20 | 18 | 15 | 15 | 14 | 14 | 13 | 13 | 12 | 12 | 10 | 10 | |

| | | Division B | | | | | | | | | |
|--------------------------------------|------|------------|----|----|----|----|----|----|----|----|--|
| Class | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | |
| 7 Mild Cured, Commercial Style Ham | \$40 | 30 | 20 | 18 | 16 | 15 | 13 | 12 | 12 | 11 | |
| Champion Commercial Style Ham - \$25 | | | | | | | | | | | |

| | | Division C | | | | | | | | | |
|------------------------|------|------------|----|----|----|---|---|---|---|----|--|
| Class | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | |
| 8 Strip of Bacon | \$20 | 16 | 15 | 12 | 12 | 9 | 9 | 8 | 8 | 7 | |
| 9 Youth Strip of Bacon | \$20 | 16 | 15 | 12 | 12 | 9 | 9 | 8 | 8 | 7 | |

| | | Division D | | | | |
|---------------------------|------|------------|----|----|---|--|
| Class | 1 | 2 | 3 | 4 | 5 | |
| 10 Summer Sausage, Cooked | \$16 | 13 | 12 | 10 | 8 | |

| | | Division E | | | | |
|------------------------------|------|------------|----|---|---|--|
| Class | 1 | 2 | 3 | 4 | 5 | |
| 11 Snack Sticks | \$14 | 12 | 11 | 9 | 7 | |
| 12 Jerky Treats | \$14 | 12 | 11 | 9 | 7 | |
| 13 Whole Muscle Jerky Treats | \$14 | 12 | 11 | 9 | 7 | |

**Section B
APICULTURE**

Superintendent - Collin Wamsley, Jefferson City, MO
573-751-5507

Asst. Superintendent - Bonnie Russell, Jefferson City, MO
Judge - Gary Ross, Ottawa, KS

Amount offered by Fair in this Section \$869

JUDGING PROGRAM - Wednesday, August 6, 9:00 a.m.

RULES AND REGULATIONS

Entry Fees are: 1 through 5 articles - \$5.00; 6 through 20 articles - \$10.00; 21 through 35 articles - \$15.00; 36 through 50 articles - \$20.00; 51 through 75 articles - \$25.00; 76 through 100 articles - \$30.00; 101 or more articles - \$35.00.

- Exhibits that are to be shipped must be on the grounds no later than 3:00 p.m., August 5. Exhibits will be received from 8:00 a.m. to 5:00 p.m., Tuesday, August 5 at the Agriculture Building. Entries close and must be in place by 5:00 p.m.
- No entries will be accepted after August 5.
- 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 2013 Fair. Dark honey may be a 2012 product but produced since the 2013 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 exhibitor may place his name and address on his exhibit after the judging has been completed.
- Signs on apiary exhibits will be limited to 10" high x 14" wide in size.
- Exhibitors may distribute honey recipes bearing their name and address from their exhibit space.

- Exhibitors will not be allowed to rearrange or remove any part of their exhibit except bees, which may be removed late in the evening 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 17, or they will be forfeited to the Fair management.

**Division A
BEE CULTURE**

Amount offered in this Division by State Fair \$466

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 or square section 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/amber extracted honey, three 1- pound jars
\$28 \$20 \$16 \$10 \$8 \$6 \$6 \$5
- Dark extracted honey, three 1- pound 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 \$322

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 or square section 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/amber extracted honey, three 1- pound jars
\$28 \$20 \$16 \$10 \$8 \$6 \$6 \$5
- Dark extracted honey, three 1- pound 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, 16, 17)

| | |
|----------------------------|-----------|
| 1. Degree of Density | 20 points |
| Above 18.6% moisture | 0 |
| 18-18.6..... | 10 |
| 17-17.9..... | 15 |

| | |
|---|------------|
| 16-16.9..... | 20 |
| 15-15.9..... | 15 |
| below 15..... | 10 |
| 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 |
| 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) | |
| 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 |

BEE SWAX

(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 BEE SWAX

(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 |

BEE SWAX 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 |

**Section C
HORTICULTURE**
Superintendent - Charlie Hopper, Jefferson City, MO
573-522-4170
Asst. Superintendent - Catherine Bohnert

Judge - University Extension Vegetable Specialist

| | |
|--|----------------|
| Amount offered by Fair in this Section..... | \$1,745 |
| Amount of Gift Certificates provided by Baker Creek Heirloom Seeds..... | \$5,100 |
| Amount offered by AgriMissouri..... | \$1,830 |
| Amount offered by Rural Missouri..... | \$ 200 |
| Amount of Gift Certificates offered by Rural Missouri..... | \$ 100 |
| Total Amount offered in this Section..... | \$8,975 |

Judging Program - Wednesday, August 6, 10:00 a.m.

RULES AND REGULATIONS

Entry Fees are: 1 through 5 articles - \$5.00; 6 through 20 articles - \$10.00; 21 through 35 articles - \$15.00; 36 through 50 articles - \$20.00; 51 through 75 articles - \$25.00; 76 through 100 articles - \$30.00; 101 or more articles - \$35.00. Pre-entry is recommended, but not required, by no later than Tuesday, July 22, 2014.

1. Entries will be received from 10:00 a.m. to 5:00 p.m., Tuesday, August 5, at the Agriculture Building. Entries close August 5 and must be in place by 5:00 p.m. ONLY pre-entered exhibits will be received from 5:00 p.m. to 6 p.m. NO EXCEPTIONS!
2. All entries (excluding the largest pumpkin and largest watermelon contest) that do not place can be picked up after judging from 2:00 p.m. to 5:00 p.m. on Wednesday, August 6. Fruits and vegetables that are not picked up will be donated to local food pantry. All baskets will be held for pick-up until 7:00 p.m., August 17, the final day of the fair, unless pre-arrangements are made with the superintendent.
3. The main points to consider in selecting fruits and vegetables for entries or for exhibition are the quality, condition, representativeness and uniformity of the crops. Many people think that the large specimens win the prizes. Except for the "jumbo" classes, this is not the case. Market standards for quality, condition, representativeness and uniformity are far more important. We advise the exhibitor to first select specimens that are as near physically perfect as possible, free from insect and disease injury and high in quality, then choose from this selection those specimens which combine the ideal characteristics of the fruit or vegetable and which are most uniform in size, color and other characteristics. If this plan is followed, a good exhibit is assured. If this plan is followed, a good exhibit is assured. It is highly recommended that exhibitors prepare their vegetables for exhibit as described in the publication MU Guide: Exhibiting and Judging Garden Vegetables, website: <http://extension.missouri.edu/explore/agguides/hort/g06230.htm>.
4. Unless otherwise noted, the Fair will furnish the plates and other containers for the fruit and vegetable entries will be displayed.
5. 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.
6. 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.
7. The Superintendent shall have the right to remove from exhibition at any time any exhibit or any part thereof which is unsightly.
8. All exhibits will be released on the final day of the Fair at 6:00 p.m. and must be removed by 7:00 p.m. Any exhibits not claimed by 7:00 p.m. will be forfeited.
9. No loitering is allowed in the entry area. Should an exhibit need to be repositioned or moved, and entrant must receive prior permission by the Horticulture Superintendent. Failure to do so may result in disqualification of the entry.
10. The variety or cultivar name must be displayed with the entry.
11. Labels will be provided for labeling entries, unless otherwise stated.
12. The fruits or vegetables must be displayed whole, in a manner which best displays the character of the variety, unless otherwise stated.
13. Each exhibitor may enter two (2) entries for these classes 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36 and 37.

Class

- | | | | |
|--|----------|----------|----------|
| | 1 | 2 | 3 |
| 1 Farmers' Market/Community Garden Harvest Display - Best Harvest Display Garden/Market Items..... | \$300 | \$200 | \$100 |
- Display shall include 9 different kinds of vegetable, fruit or value added items attractively arranged. Entries with greater or lesser number will be disqualified. Exhibitor must supply the basket, or other container. Crops shown must have been grown by a minimum of 3 individuals. No more than 5 varieties of any 1 crop are to be included. For example: Tomatoes constitute only 1 of the 9 kinds of items. The exhibitor may exhibit up to 5 varieties of tomatoes but they will count only as 1 item. The container must hold all the items for the entry; specimens may not overflow to the display table or other places. Entries will be judged 60% on cultural perfection and 40% on creative arrangement. An 8½ x11 flyer, listing items including crop and varieties, growers' names and farmers' market or community garden information must accompany the container. One entry per farmers' market or community garden.

- 2 Commercial or Market Grower Harvest Display - Best Harvest Display Garden/Market Items.\$150 \$100 \$50
Display shall include 9 different kinds of vegetable, fruit or value added items attractively arranged. Entries with greater or lesser number will be disqualified. Exhibitor must supply the basket, or other container. Crops and value-added items shown must be from exhibitor. No more than 5 varieties of any one crop are to be included. For example: Tomatoes constitute only 1 of the 9 kinds of items. The exhibitor may exhibit up to 5 varieties of tomatoes but they will count only as one item. The container must hold all the items for the entry; specimens may not overflow to the display table or other places. Entries will be judged 60% on cultural perfection and 40% on creative arrangement. An 8½"x11 flyer, listing items including crop and varieties, grower name and where he/she markets his/her products must accompany the container. One entry allowed per exhibitor.
- 3 Homegrown Harvest Display - Best Harvest Display Homegrown Items.....\$100 \$75 \$50
Display shall include 9 different kinds of vegetables or fruits attractively arranged. Entries with greater or lesser number will be disqualified. Exhibitor must supply the basket, or other container. Crops displayed must be grown by the exhibitor. No more than 5 varieties of any 1 crop are to be included. For example: Tomatoes constitute only 1 of the 9 kinds of items. The exhibitor may exhibit up to 5 varieties of tomatoes but they will count only as one item. The container must hold all the items for the entry; specimens may not overflow to the display table or other places. Entries will be judged 60% on cultural perfection and 40% on creative arrangement. One entry allowed per exhibitor. An 8½"x11 flyer, listing items including crop, varieties and growers name and hometown must accompany the container.
- 4 Beans – Each entry must include 4 specimens of the same variety. The bean must be displayed with the pod, and the pod may be opened with seeds displayed inside it or they may be displayed whole depending on which best displays the character of the variety. **Gift certificates will be awarded for: 1st place - \$75; 2nd - place \$50; and 3rd place - \$25.**
- 5 Cucumbers - Each entry must include 4 specimens of the same variety. **Gift certificates will be awarded for: 1st place - \$75; 2nd - place \$50; and 3rd place - \$25.**
- 6 Beets - Each entry must include 4 specimens of the same variety. The beets must be displayed as whole specimens, with the greens intact in a manner which best displays the character of the variety. Fair staff may remove the greens of winning specimens for display purposes during the fair. **Gift certificates will be awarded for: 1st place - \$75; 2nd - place \$50; and 3rd place - \$25.**
- 7 Cabbages/Head Lettuce - The head must be displayed whole, but may be cut for the sake of judging to break a tie when awarding placement. **Gift certificates will be awarded for: 1st place - \$75; 2nd - place \$50; and 3rd place - \$25.**
- 8 Carrots - Each entry must include 4 specimens of the same variety. The carrots must be displayed as whole specimens, with the greens intact in a manner which best displays the character of the variety. Fair staff may remove the greens of winning specimens for display purposes during the fair. **Gift certificates will be awarded for: 1st place - \$75; 2nd - place \$50; and 3rd place - \$25.**
- 9 Eggplants - Each entry must include 4 specimens of the same variety. **Gift certificates will be awarded for: 1st place - \$75; 2nd - place \$50; and 3rd place - \$25.**
- 10 Garlic - Each entry must include 4 specimens of the same variety. The garlic must be displayed as whole specimens in head form with stems trimmed to no more than 1 inch with roots trimmed to no more than ¼ inch. **Gift certificates will be awarded for: 1st place - \$75; 2nd - place \$50; and 3rd place - \$25.**
- 11 Herbs - Each entry must include at least 5 stems of the same variety, such as basil, dill, mint, parsley, rosemary, etc. The herb must be displayed with stems intact, in quart or pint jars of water and in a manner which best displays the character of the variety. Maximum specimen height above the container should be 10 inches. **Gift certificates will be awarded for: 1st place - \$75; 2nd - place \$50; and 3rd place - \$25.**
- 12 Leafy Greens - Each entry must include at least 5 leaves of the same. The green must be displayed with stems intact, in quart or pint jars of water and in a manner which best displays the character of the variety. **Gift certificates will be awarded for: 1st place - \$75; 2nd - place \$50; and 3rd place - \$25.**
- 13 Cantaloupes - Each entry must include 2 specimens of the same variety of cantaloupe. The cantaloupes must be displayed whole, but may be cut for the sake of judging to break a tie when awarding placement. **Gift certificates will be awarded for: 1st place - \$75; 2nd - place \$50; and 3rd place - \$25**
- 14 Watermelon - Each entry must include 2 specimens of the same variety. The watermelons must be displayed whole, but may be cut for the sake of judging to break a tie when awarding placement. **Gift certificates will be awarded for: 1st place - \$75; 2nd - place \$50; and 3rd place - \$25.**
- 15 Other Melons - Each entry must include 2 specimens of the same variety commonly known as a melon (excluding watermelons and cantaloupes), such as honeydew, Crenshaw, canary melon, etc. The melons must be displayed whole, but may be cut for the sake of judging to break a tie when awarding placement. **Gift certificates will be awarded for: 1st place - \$75; 2nd - place \$50; and 3rd place - \$25**
- 16 Okra - Each entry must include 4 specimens of the same variety. **Gift certificates will be awarded for: 1st place - \$75; 2nd - place \$50; and 3rd place - \$25**
- 17 Onions - Each entry must include 4 specimens of the same variety. Greens may be removed if the onions have been dried. Fresh specimens, such as scallions should be submitted with the greens intact. **Gift certificates will be awarded for: 1st place - \$75; 2nd - place \$50; and 3rd place - \$25.**
- 18 Peas – Each entry must include 4 specimens of the same variety. The pea must be displayed with the pod, and the pod may be opened with seeds displayed inside it or they may be displayed whole depending on which best displays the character of the variety. **Gift certificates will be awarded for: 1st place - \$75; 2nd - place \$50; and 3rd place - \$25.**
- 19 Sweet Peppers - Each entry must include 4 specimens of the same variety. **Gift certificates will be awarded for: 1st place - \$75; 2nd - place \$50; and 3rd place - \$25.**
- 20 Hot Peppers - Each entry must include 4 specimens of the same variety. **Gift certificates will be awarded for: 1st place - \$75; 2nd - place \$50; and 3rd place - \$25.**
- 21 Potatoes - Each entry must include 4 specimens of the same variety. **Gift certificates will be awarded for: 1st place - \$75; 2nd - place \$50; and 3rd place - \$25.**
- 22 Pumpkins - Each entry must include 3 specimens of the same variety, used for pie or cooking. **Gift certificates will be awarded for: 1st place - \$75; 2nd - place \$50; and 3rd place - \$25.**
- 23 Ornamental Pumpkins/ Squash/ Gourds - Each entry must include 3 specimens of the same variety, ideal for display whole, as a decoration. **Gift certificates will be awarded for: 1st place - \$75; 2nd - place \$50; and 3rd place - \$25.**
- 24 Summer Zucchini or Squash for Slicing - Each entry must include 4 specimens of the same variety, bred to be consumed sliced. **Gift certificates will be awarded for: 1st place - \$75; 2nd - place \$50; and 3rd place - \$25.**
- 25 Winter Squash for Baking - Each entry must include 4 specimens of the same variety, bred to be stored during winter and ideally consumed baked. **Gift certificates will be awarded for: 1st place - \$75; 2nd - place \$50; and 3rd place - \$25.**
- 26 Sweet Corn - Each entry must include 6 specimens of the same variety. Corn should be displayed in the husk with no more than ¼ of the kernels on any given ear exposed. In the case of a tie, judges will be allowed to taste the corn in its raw state. **Gift certificates will be awarded for: 1st place - \$75; 2nd - place \$50; and 3rd place - \$25.**
- 27 Heirloom Tomatoes - Each entry must include 4 specimens of the same variety. For the purpose of this contest Heirloom variety will consist of any of the following, open pollinated and non-hybrid or Heirloom variety older than 50 years. The variety of the heirloom MUST be listed on each entry tag. If the seed has been handed down through generations and the variety is not known then the family name of the originating seed contributor will be accepted. On all entries a 3x5 index card explaining the historical back-ground of the seed must be prepared by the exhibitor and accompany the entry. The historical background may be used to assist judges in placing. **Gift certificates will be awarded for: 1st place - \$75; 2nd - place \$50; and 3rd place - \$25**
- 28 Slicing Tomatoes - Each entry must include 4 specimens of the same variety. For the sake of this contest a slicing variety will consist of a round variety over 2" in diameter bred with the intent to be consumed cut. **Gift certificates will be awarded for: 1st place - \$75; 2nd - place \$50; and 3rd place - \$25.**
- 29 Paste Tomatoes - Each entry must include 4 specimens of the same variety. For the sake of this contest a paste variety will consist of a round or oblong variety bred with the intent to make sauce. **Gift certificates will be awarded for: 1st place - \$75; 2nd - place \$50; and 3rd place - \$25**
- 30 Salad Tomatoes - Each entry must include 4 specimens of the same variety. For the sake of this contest a salad variety will consist of a cherry, pear or grape variety bred with the intent to be consumed whole. **Gift certificates will be awarded for: 1st place - \$75; 2nd - place \$50; and 3rd place - \$25**
- 31 Turnips - Each entry must include 4 specimens of the same variety. The turnips must be displayed as whole specimens, with the greens intact in a manner which best displays the character of the variety. Fair staff may remove the greens of winning specimens for display purposes during the fair. **Gift certificates will be awarded for: 1st place - \$75; 2nd - place \$50; and 3rd place - \$25.**
- 32 Most Unusual Fruit or Vegetable - Entries may be single or multiple specimens. Entries will be judged on the basis of their quality as a fruit or vegetable, uniqueness, rarity, and unusual appearance which often times is an act of nature. Exhibitor will need to provide a 3x5 index card and include on it a name or title and description for the entry and what makes it unique. **Gift certificates will be awarded for: 1st place - \$75; 2nd - place \$50; and 3rd place - \$25.**
- 33 Edible Nuts – Each entry must include 6 specimens of the same variety of edible tree or shrub nuts from last year's harvest such as black walnuts, pecans, hickory nuts, etc. Two of the 6 specimens should be hulled and shelled, while the remaining 4 specimens should be hulled and in the shell. Peanuts and non-edible nuts such as a buckeyes and acorns are not eligible. **Gift certificates will be awarded for: 1st place - \$75; 2nd - place \$50; and 3rd place - \$25.**
- 34 Large Fruits - Each entry must include 4 specimens of the same variety for pome, drupe or aggregate over 2" in diameter commonly known fruits such as apples, peaches, pears, nectarines, etc. **Gift certificates will be awarded for: 1st place - \$75; 2nd - place \$50; and 3rd place - \$25.**
- 35 Blackberries - Each entry must include at least 6 specimens of the same variety. **Gift certificates will be awarded for: 1st place - \$75; 2nd - place \$50; and 3rd place - \$25.**

- 36 Raspberries - Each entry must include at least 6 specimens of the same variety. **Gift certificates will be awarded for: 1st place - \$75; 2nd - place \$50; and 3rd place - \$25.**
- 37 Other Small Fruits - Each entry must include at least 6 specimens of the same variety for pome, berry, drupe or aggregate under 3" in diameter commonly known fruits such as strawberries, cherries, grapes, etc (excluding blackberries and raspberries). **Gift certificates will be awarded for: 1st place - \$75; 2nd - place \$50; and 3rd place - \$25.**
- 38 Largest Pumpkin - Largest pumpkin or squash by weight, minimum weight 70 lbs. All largest pumpkin entries will be displayed during the duration of the State Fair. 1st place - \$700; 2nd place - \$500; 3rd place - \$300

RURAL MISSOURI, official publication of Missouri's Electric Cooperatives, will award for the largest pumpkin, a \$50 gift certificate to Baker Creek Heirloom Seed Company and \$100 to the pumpkin winner, plus a plaque.

- 39 Largest Watermelon - Largest watermelon by weight, minimum weight 50 lbs. All largest watermelon entries will be displayed during the duration of the State Fair. 1st place - \$500; 2nd place - \$300; 3rd place - \$150

RURAL MISSOURI, official publication of Missouri's Electric Cooperatives, will award for the biggest watermelon, a \$50 gift certificate to Baker Creek Heirloom Seeds and \$100 to the biggest watermelon winner, plus a plaque.

- 5 Reduced Fat Aged Cheddar & Colby Cheese made prior to April 1, 2014
- 6 Low Fat Aged Cheddar & Colby Cheese made prior to April 1, 2014

ARTISAN CHEESE

Open to commercially licensed plants only
All cheeses in this category must be labeled as identified and comply to the Standards of Identity as described in the Federal Codes of Regulations.

Cheeses in these classes shall be manufactured a minimum of 60 days prior to August 1, 2014. All cheese must be properly labeled to identify product style entered.

All entries shall be identified by milk type; cow or blend.

- 7 Gouda (proper aging of at least 60 days if not pasteurized must be attested to and noted on the entry blank and written description of cheese characteristics the plant is trying to obtain)
- 8 Blue (proper aging of at least 60 days if not pasteurized must be attested to and noted on the entry blank and written description of cheese characteristics the plant is trying to obtain)
- 9 Flavored (proper aging of at least 60 days if not pasteurized must be attested to and noted on the entry blank and written description of cheese characteristics the plant is trying to obtain)

PROCESSED AMERICAN CHEESE

(one entry per plant)

Open to commercially licensed plants only

- 10 Any processed American cheese to be shown in the size and style in which it is usually marketed.

SHEEP/GOAT MILK CHEESE

(one entry per plant)

Open to commercially licensed plants only

- 11 Goat/Sheep milk cheese plain flavored (proper aging of at least 60 days if not pasteurized must be attested to and noted on the entry blank and a written description of cheese characteristics the plant is trying to obtain)
- 12 Goat/Sheep milk cheese flavored (proper aging of at least 60 days if not pasteurized must be attested to and noted on the entry blank and a written description of cheese characteristics the plant is trying to obtain)
- 13 Goat/Sheep milk Gouda (proper aging of at least 60 days if not pasteurized must be attested to and noted on the entry blank and a written description of cheese characteristics the plant is trying to obtain)
- 14 Goat/Sheep milk Blue (proper aging of at least 60 days if not pasteurized must be attested to and noted on the entry blank and a written description of cheese characteristics the plant is trying to obtain)

COTTAGE CHEESE

(one entry per plant)

Must be made in commercial containers.

- 15 4% or Whole Small curd cottage cheese.
- 16 2% or Reduced fat Small curd cottage cheese.
- 17 1% or Low fat Small curd cottage cheese.
- 18 4% or Whole Large curd cottage cheese.
- 19 2% or Reduced Fat Large curd cottage cheese.
- 20 1% or Low fat Large curd cottage cheese.
- 21 Dry Curd cottage cheese.

BUTTER

(one entry per plant)

Butter must conform to standards described by Congress in Sec. 201A, Federal Food, Drug, and Cosmetic Act. Must be in normal commercial form. U.S.D.A. Guidelines for grading will be used.

- 22 Salted butter
- 23 Unsalted butter

SOUR CREAM

(includes Acid Set and Cultured, one entry per plant)

Sour Cream must conform to standards for Grade A sour cream in Missouri. Must be in commercial containers.

- 24 Whole Sour Cream, not flavored.
- 25 Lite sour cream, not flavored.
- 26 French onion dip

ICE CREAM AND FROZEN YOGURT

(one entry per plant, per class)

- 27 Premium all natural vanilla ice cream
- 28 Commercial or regular vanilla flavored or artificially flavored vanilla ice cream.
- 29 Premium all natural chocolate ice cream
- 30 Commercial or regular chocolate flavored or artificially flavored chocolate ice cream.
- 31 Commercial fruit or berry flavored ice cream.
- 32 Frozen Yogurt with any fruit flavor.
- 33 Commercial open flavor.

YOGURT

- 34 Whole plain flavored yogurt
- 35 Reduced Fat or 2% plain flavored yogurt
- 36 Low Fat or 1% plain flavored yogurt
- 37 Whole vanilla flavored yogurt
- 38 Reduced fat or 2% vanilla flavored yogurt
- 39 Low fat or 1% vanilla flavored yogurt
- 40 Whole Berry flavored yogurt (any type of berry)
- 41 Reduced Fat or 2% Berry flavored yogurt (any type of berry)
- 42 Low Fat or 1% Berry flavored yogurt (any type of berry)
- 43 Whole Miscellaneous flavored yogurt
- 44 Low Fat or 1% Miscellaneous flavored yogurt
- 45 Fat Free plain flavored yogurt
- 46 Fat Free berry flavored yogurt
- 47 Fat Free miscellaneous flavored yogurt
- 48 Greek yogurt 0% fat plain flavored yogurt
- 49 Greek yogurt 0% fat vanilla flavored

Section D

DAIRY PRODUCTS

**Superintendent - Gene Wiseman, Jefferson City, MO
573-751-3830**

**Asst. Superintendent - Amy Luecke, Jefferson City, MO
Judges - Dr. Robert T. Marshall, Columbia, MO
Mike Comotto**

Prizes offered - Blue, Red, White Ribbons;

Blue Rosettes - Best of Show Medal

Judging Program - Friday, August 8 - 9:00 a.m.

Judging will be held at the Gerken Dairy Center.

RULES AND REGULATIONS

- 1. Entries in this department open to exhibitors as noted under each class division.
- 2. Entries close July 31, 2014. All entries must be made on entry blanks furnished by the State Milk Board Office, 1616 Missouri Blvd., Jefferson City, MO 65102, available upon request and returned by the exhibitor to the State Milk Board Office on or before July 31, 2014.
- 3. Any type of raw milk unpasteurized cheese must be manufactured prior to May 1, 2014.
- 4. Any butter entry must be manufactured from pasteurized milk in compliance with Missouri regulations.
- 5. All dairy product entries must be commercially available to the public from the manufacturing plant or distributed by another source without the requirement of further processing.
- 6. All entry displays of non-processed cheese must be a minimum of 2 lb. daisy, block or individual horns totaling 5 lbs. and waxed or sealed in normal commercial package. Processed cheese, cottage cheese, sour cream, and butter entries should be in normal size commercial packages; ice cream and frozen yogurt should be in 1 quart or 1/2 gallon containers with at least two packages of each entry. **Entry displays are to be delivered to the Missouri State Fair Dairy Building in Sedalia, Missouri, between 9:00 a.m. and 4:00 p.m., Thursday, August 7, 2014.**
- 7. The score of all products will be according to the American Dairy Science Association suggested scoring guide as modified to score on a comparable basis.
- 8. All exhibitors will be mailed a copy of the judges scoring report of exhibits, and judging will be accomplished in view of the public.
- 9. Blue ribbons will be awarded to all deserving entries as decided by the judge in all classes. Blue rosettes will be awarded to one winner in each of the seven categories: cheese; cultured products such as cottage cheese, dips, buttermilk and sour cream; butter; yogurt; ice cream and frozen yogurt; fluid milk and fluid milk - glass bottle. Only one best of show medal, sponsored by Missouri Dairy Products Association, will be awarded. Only blue rosette winners will be eligible to compete for the best of show medal.
- 10. The receipt of blue ribbons, blue rosettes and the best of show medal may be used by the winners for advertising purposes for one year from the date of the fair judging.
- 11. Deviation from the rules and regulations will disqualify an exhibitor from participating in the contest for one year.
- 12. At the close of the fair, all entries become the property of the Missouri Department of Agriculture.

CHEDDAR CHEESE

(one entry per class per plant)

Open to commercially licensed manufacturing plants only.

- Class**
- 1 Mild Cheddar & Colby Cheese made after May 1, 2014, but before August 1, 2014
 - 2 Reduced Fat Mild Cheddar & Colby Cheese made after May 1, 2014, but before August 1, 2014
 - 3 Low Fat Mild Cheddar & Colby Cheese made after May 1, 2014, but before August 1, 2014
 - 4 Aged Cheddar & Colby Cheese made prior to April 1, 2014

- 50 Greek yogurt 0% fat fruit flavored or fruit filled
- 51 Drinkable yogurt, open

CULTURED BUTTERMILK

- 52 Whole or 3.25% Cultured Buttermilk
- 53 Reduced Fat or 2% Cultured Buttermilk
- 54 Low Fat or 1% Cultured Buttermilk
- 55 Bulgarian buttermilk

FLUID MILK

- 56 Whole Milk
- 57 Whole Chocolate
- 58 Whole Strawberry
- 59 Whole Miscellaneous
- 60 2% or Reduced Fat White milk
- 61 2% or Reduced Fat Chocolate milk
- 62 2% or Reduced Fat Strawberry milk
- 63 2% or Reduced Fat Miscellaneous flavored milk
- 64 1% Low Fat White milk
- 65 1% Low Fat Chocolate milk
- 66 1% Low Fat Strawberry milk
- 67 Non Fat (skim) White milk
- 68 Non Fat (skim) Chocolate milk

FLUID MILK - GLASS BOTTLE

- 69 Whole Milk
- 70 Whole Chocolate
- 71 Whole Flavored
- 72 2% or Reduced Fat White milk
- 73 1% Low Fat White milk
- 74 Non Fat (skim) White milk

CREAM

- 75 Half & Half
- 76 Heavy Whipping Cream
- 77 Glass Bottle

Section E

QUALITY HAY CONTEST

Superintendent - Mark Murphy, MDA, Jefferson City, MO

573-751-5633

Hay Judges

Bill Garrett, Golden City, MO

Steve Flick, Kingsville, MO

Amount offered in this Section\$2,240

Special Premium Award Sponsors

- 1. \$100 Grand Champion, sponsored by MFA Incorporated Seed Division, Columbia, MO.
- 2. \$40 Grand Champion, sponsored by Missouri State Fair.
- 3. \$80 Reserve Grand Champion, sponsored by Missouri State Fair.

Special Award Sponsors:

Allied Seed, L.L.C. will award one bag of Farm Science Genetics FSG505 Alfalfa seed to the Class 6 Grass/Legume winner and one bag of Extend Orchard Grass seed to the Class 5 Grass Hay winner.

America's Alfalfa, Madison, WI, will award one bag of Ameri Stand 403TQ Alfalfa seed to the Champion in Classes 1-3 Alfalfa.

Custom Laboratory Inc., Golden City, MO, will award two free laboratory tests for the Grand Champion.

DELMHORST Instrument Company, Towaco, NJ, will enter all hay contest participants in a drawing for one F-2000 Digital Hay Meter Package.

Dow Agro Sciences, Vandalia, MO, will award five gallons of Lorsban 4E to the Champion of Classes 1-3 Alfalfa.

Fabrow Oriented Polymers, LLC, Kingman, KS, will award one box of Exxon 9000 baler twine to the Grand Champion and one box to each class winner.

Forage Research, St. Joseph, MO, will award one container of Sila Prime hay inoculant in a wettable powder or dry granular that will treat approximately 15 tons of hay, to the Champion of Classes 1-3.

Green Seed Company, Springfield, MO, will award one bag of Shiloh Orchard Grass to the Class 5 Grass Hay winner.

MFA Incorporated - Seed Division, Columbia, MO, will award \$60 to the Champion of Classes 9-10 and \$40 to the Reserve Champion of Classes 9-10.

Missouri Association of Soil and Water Conservation Districts will award \$50 to the Class 7 warm season grasses winner.

The Missouri Forage and Grassland Council will award \$50 to the Champion of Alfalfa entries Classes 1-3 and \$50 to the Champion of Classes 4-8.

Missouri Southern Seed Corp., Rolla, MO, will award one bag of Venus Brand Alfalfa Seed to the Grand Champion.

Pioneer Hi-Bred International, Inc., MO, will award one bag of Pioneer Alfalfa seed to the Champion of Classes 1-3.

Syngenta Seeds, Overland Park, KS, will award one bag of Syngenta Alfalfa seed for the Grand Champion.

Sunfilm, South Hackensack, NJ, will award two rolls of AEP Sunfilm to the Champion in classes 9-10 Balage and one roll to the Reserve Champion in classes 9-10 Balage.

Thoenen Ag Sales, Bonnots Mill, MO will award two rolls of AEP Sunfilm to the Champion in classes 9-10 Balage and one roll to the Reserve Champion in classes 9-10 Balage.

WL Alfalfas, Madison, WI will award four bags of WL Alfalfa seed to the Grand Champion and two bags of WL Alfalfa seed to the Reserve Grand Champion.

Tractor Supply Company, Sedalia, MO will award plaques to the Grand Champion and Reserve Grand Champion, along with plaques for the Champion and Reserve Champion in classes 1-3, classes 4-8 and classes 9-10.

Judging Program
Thursday, August 7, 2014 - 10:00 a.m. - Show-Me Tent
(behind Women's Building / west side)

RULES AND REGULATIONS

1. Entries close July 25, 2014. Entry forms and entry fees must be mailed or delivered to the **Missouri Department of Agriculture, Hay Contest, P.O. Box 630, Jefferson City, MO 65102, phone 573-751-5633**. ALL hay and balage sampled by University of Missouri Extension personnel MUST be mailed along with copy of entry form, to Custom Laboratory Inc., 204 C Street, Golden City, MO 64748, 417-537-8337.
2. The hay contest entries will be displayed in the Agriculture Building, with only the **top two** placing entries in each class being displayed. The contest results will include all entries and will be available to the public at the display.
3. A fee of \$25 per entry will be charged (unless the same entry of hay has qualified at a local or county fair using CUSTOM LABORATORY INC.) In this case a \$5 entry fee will be charged and the same lab analysis will be used at the Missouri State Fair.
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.
5. 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.
6. Only lab analyses from CUSTOM LABORATORY INC. will be accepted.
7. Only Missouri residents with hay harvested in Missouri are eligible to enter this contest.
8. Hay must have been harvested in 2014. The following information MUST BE INDICATED on the entry form provided by the Missouri State Fair: variety or brand name and number, which cutting, date cut, acres in field, yield, preservatives, drying agents, fertilizer, insect and weed control.
9. Exhibitors are limited to 2 entries per **CLASS. Only one entry per field, per cutting is allowed.**
10. Class 9 and 10 Balage entries will consist of 10 lbs. of hay from the same bale. The entry should be cut 12"x12" by 8-10 inches thick and wrapped in plastic, boxed or bucketed and labeled. The balage entries should be delivered Wednesday, August 6, by 3:00 p.m. to the Missouri State Fairgrounds, Show-Me Tent (behind Women's Building / west side).
11. ANY ENTRY IN CLASSES 1-8 WILL CONSIST OF ONE SMALL SQUARE BALE OF HAY. The one bale entered MUST be one of the sampled bales for quality analysis. All bales MUST have a core sample hole to be qualified. All bales must be left for exhibit and donated for sale.
12. Entries will be laboratory tested for quality analysis at Custom Laboratory Inc. in Golden City, Missouri. The hay will be tested for the following: moisture, crude protein, acid detergent fiber, neutral detergent fiber, TDN, net energy lactation, net energy gain, net energy maintenance. A relative feeding value will be used to compare hay in each respective class.
13. Sampling of ten representative bales of the hay entered in each respective class will be done by University of Missouri Extension personnel. The one representative bale of hay must be delivered to the Missouri State Fairgrounds, Show-Me Tent (behind Women's Building / west side), by 3:00 p.m., Wednesday, August 6.
14. If a preservative or a growth regulator has been used on the hay, it must be indicated on the entry blank. If not, that ENTRY will be disqualified.
15. The Superintendent reserves the right to change entries from one class to another if the entry is inappropriate for that class.
16. Final placing of each class will be based upon the results of chemical analysis and visual observation (texture, leafiness, freedom from foreign material).
The following score card will be used.

| | |
|----------------|------------|
| Factor | Points |
| Chemical Test | 60 |
| Color | 5 |
| Condition | 15 |
| Smell or Aroma | 5 |
| Purity | 15 |
| Total | 100 points |

17. ALL DECISIONS MADE BY THE JUDGING COMMITTEE ARE FINAL.
18. The awards presentation will be held on Sunday, August 10, at 1:00 p.m. in the Agriculture Building.

Cash Premium Schedule

The prize money in classes will be paid on the following:

| | | | | | | | | | | |
|--|------|----|----|----|----|---|---|---|---|----|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| | \$56 | 44 | 32 | 20 | 12 | 8 | 8 | 8 | 8 | 8 |

- Class**
- 1 Alfalfa-First Cutting
 - 2 Alfalfa-Second Cutting
 - 3 Alfalfa-Third and Fourth Cutting
 - 4 Red Clover
 - 5 Grass
 - 6 Grass-Legume (minimum 30% Grass to maximum 70% Legume)
 - 7 Warm Season Grasses
 - 8 Grain Hay
 - 9 Balage/Legumes
 - 10 Balage/Grasses