

Department O AGRICULTURE

Superintendent - Steve Allison, MDA, Jefferson City, MO
Asst. Superintendent - Tony Anderson, MDA,
Jefferson City, MO
Asst. Superintendent - Jim Anderson, MDA,
Jefferson City, MO

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

Judge - Dr. Bryon Wiegand, Columbia, MO
Judge - Scott Heintz, Cuba, MO
Judge - Dr. Bill Stringer, Rocheport, MO
Judge - Dr. Don Naumann, Columbia, MO

JUDGING PROGRAM -

Country Hams - Wednesday, August 11, 9:00 a.m.
Mild Cured Ham, Bacon, Summer Sausage and Jerky -
Thursday, August 12, 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 19, 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 2010 catalog classifications. We request Country Hams entries be returned before July 20. Entries for mild cured ham, bacon, sausage, snack sticks and jerky must be entered by 10:00 a.m., August 12. 4-H/FFA exhibitors with their county fairs after July 20 may submit a late entry until the drop off date, August 10, 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.

In response to the State of Missouri's current budgetary concerns, it has become necessary for the Missouri State Fair to reduce premiums by 20% for the 2010 Fair. Monies offered in this premium guide reflect the stated reduction. **NEW**

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 10 at the Agriculture Building. Entries close and must be in place by 7:00 p.m., Tuesday, August 10. All other entries close August 12, 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 22, 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 from 10 pounds to 22 pounds, inclusive.
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 persons 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.
2. 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 9 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 9 become the property of the Missouri Department of Agriculture.
3. Entries in Class 9 shall be required to be packed in casing. Logos on the casings will be permitted.

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.

- 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

- 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	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

7 Mild Cured, Commercial Style Ham	1	2	3	4	5	6	7	8	9	10
\$40	30	20	18	16	15	13	12	12	11	

Champion Commercial Style Ham \$25

Division C

8 Strip of Bacon	1	2	3	4	5	6	7	8	9	10
\$20	16	15	12	12	9	9	8	8	7	

Division D

9 Summer Sausage, Cooked	1	2	3	4	5
\$16	13	12	10	8	

Division E

10 Snack Sticks	1	2	3	4	5
\$14	12	11	9	7	
11 Jerky Treats	1	2	3	4	5
\$14	12	11	9	7	
12 Whole Muscle Jerky Treats	1	2	3	4	5
\$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 - Bee Culture - Gary Ross, Ottawa, KS

Amount offered by Fair in this Section \$869

JUDGING PROGRAM - Wednesday, August 11, 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 10. Exhibits will be received from 8:00 a.m. to 5:00 p.m., Tuesday, August 10 at the Agriculture Building. Entries close and must be in place by 5:00 p.m.
- No entries will be accepted after August 10.
- 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.

In response to the State of Missouri's current budgetary concerns, NEW it has become necessary for the Missouri State Fair to reduce premiums by 20% for the 2010 Fair. Monies offered in this premium guide reflect the stated reduction.

- All exhibits must have been produced in a Missouri apiary of the exhibitor since the 2009 Fair. Dark honey may be a 2008 product but produced since the 2009 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 22, and must be claimed by 8:00 p.m., August 22, or they will be forfeited to the Fair management.

**Division A
BEECULTURE**

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 \$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

BEE SAND BEESWAX

- 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 beeswax. 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.

- 13 Cut comb honey in plastic boxes, all sides visible. Three packages of approximately one pound.
\$12 \$9 \$8 \$7
- 14 Round or square section comb honey, three packages, with top and bottom of comb visible.
\$12 \$9 \$8 \$7
- 15 Light bulk comb honey, three 2- or 2 1/2- pound jars
\$12 \$9 \$8 \$7
- 16 Light/amber extracted honey, three 1- pound jars
\$28 \$20 \$16 \$10 \$8 \$6 \$6 \$5
- 17 Dark extracted honey, three 1- pound jars
\$16 \$12 \$10 \$8 \$7 \$6
- 18 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

BEE SIN 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 - Tony Anderson, Jefferson City, MO
573-751-2969**

**Asst. Superintendent - Kathy Koehnner, Jefferson City, MO
Asst. Superintendent - Andrea Shore, Jefferson City, MO**

**Judge - Fruits & Vegetables - Andy Read, Horticulture Specialist
with University of Missouri Extension.**

Amount offered by Fair in this Section \$1,740

Judging Program - Wednesday, August 11, 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. Pre-entry is recommended, but not required, by no later than Tuesday, July 27, 2010.

1. Entries will be received from 8:00 a.m. to 5:00 p.m., Tuesday, August 10, at the Agriculture Building. Entries close August 10 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. At registration entrant will be asked if their produce can be donated to a food bank. If entrant agrees, a color coded dot will be placed on the exhibit and the item/items will be donated to a local food bank on the final day of the Fair.

3. All entries that do not place first through third can be picked up after judging from 3:00 p.m. to 6:00 p.m.

4. 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.

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>

Unless otherwise noted, the Missouri State Fair will furnish the plates and other containers for the fruit and vegetable entries. Only the first, second, and third place entries will be displayed in the Agriculture Building. NO EXCEPTIONS!

6. 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.

7. 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.

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8. The Superintendent shall have the right to remove from exhibition at any time any exhibit or any part thereof which is unsightly.

9. 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.
10. 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.

**Vegetables
Division A**

Class	1	2	3
1 Beans, snap or yellow wax, edible stage, 12 specimens	\$15	\$10	\$6
2 Beets for table use, 6 specimens, tops trimmed to 1½"	15	10	6
3 Cabbage, any variety, 1 head	15	10	6
4 Carrot, any variety, 6 specimens, tops trimmed to 1½"	15	10	6
5 Cucumbers, for slicing, 6 specimens	15	10	6
6 Eggplant, standard variety or Japanese type, 3 specimen	15	10	6
7 Kohlrabi, 6 heads, tops trimmed to 1½"	15	10	6
8 Onions, red, white, or yellow, 5, any variety	20	14	9
9 Peppers, sweet, any kind, 5 specimens	20	14	9

Summer Squash-shown immature, 3 specimens

10 Crockneck, Straightneck, Scallop or Patty Pan	\$15	\$10	\$6
11 Zucchini, Green or Yellow	15	10	6

Pumpkins (Generally used for pie and canning)

12 Sugar Pie, 2 specimens	\$15	\$10	\$6
13 Jack-O-Lantern type-not over 16" tall, 1 specimen	20	14	9
14 Jack-Be-Little pumpkin, 3 specimens	15	10	6
15 Baby Boo Pumpkin, 3 specimens	15	10	6

Squash

16 Acorn, Table Queen or Buttercup, 1 specimen	\$15	\$10	\$6
17 Butternut, 1 specimen	15	10	6
18 Hubbard, Blue, Golden, Warded, Kitchenette or Spaghetti, 1 specimen	15	10	6
19 Any variety (Delicious, Golden Delicious, Banana, Boston Marrow, etc.), 1 specimen	20	14	9

Tomatoes, Regular sized varieties

NOTE: Remove stems from all tomatoes.

20 Tomatoes, red, 5 specimens	\$20	\$14	\$9
21 Tomatoes, pink, 5 specimens	15	10	6
22 Tomatoes, yellow, or golden, 5 specimens	15	10	6

Tomatoes, Heirloom varieties

NOTE: Display three specimens of one Heirloom Tomato variety on a plate from the Missouri State Fair. For the purpose of this contest Heirloom variety will consist of any of the following, open pollinated, 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 background of the seed must be prepared by the exhibitor and accompany the entry. The historical background may be used to assist judges in placing.

23 Heirloom Tomato, 3 specimens	\$20	\$14	\$9
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Tomatoes, Others

24 Tomatoes, plum, 6 specimens	15	10	6
25 Tomatoes, cocktail or cherry, any color, 12 specimens	15	10	6

Melons

26 Muskmelon or Cantaloupe, any variety, 1 specimen	\$15	\$10	\$6
27 Honey Dew, Crenshaw or other variety of winter melon, 1 specimen	15	10	6
28 Watermelon, small or baby variety, 1 specimen	15	10	6
29 Watermelon, any other variety, 1 specimen	15	10	6

Other Classes

30 Sweet Potatoes or Yams, 3 specimens	\$15	\$10	\$6
31 Sweet Corn, yellow or yellow and white, 6 ears, exhibited with husks	20	14	9
32 Turnips, 6 specimens, tops trimmed to 1½"	15	10	6
33 Small ornamental gourds, 3 specimens	15	10	6
34 Garlic, 6 specimens	15	10	6
35 Ornamental Gourds in basket arrangement, entries will be judged on 60% on horticultural standards and 40% on creative arrangement	20	14	9
36 Longest single dried longneck dipper gourd	15	10	6
37 Best formed single dried birdhouse gourd	15	10	6
38 Ornamental miniature corn, 5 ears with husk, Strawberry corn, 10 ears with husk or Ornamental/ Calico standard corn, 5 ears with husk	15	10	6

HOTPEPPERS

Entries in the Hot Pepper division shall consist of five (5) specimens of a variety of fresh hot peppers displayed on a plate provided by the Missouri State Fair. Judges may elect to taste-test the entries before making judgments. NOTE: Chilies (dried peppers) are not included in this contest. Please list variety.

39 Pablano, Serrano, Cayenne, Jalapeno, Habanero or Hungarian Yellow Wax Pepper	\$15	\$10	\$6
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VEGETABLE CONTAINER DISPLAY

40 Best Display of Vegetables \$20 \$14 \$9
Display shall include nine different kinds of vegetable crops attractively arranged. Entries with greater or lesser number will be disqualified. The entry must contain only specimens commonly known as vegetables and may not include flowers or herbs or other items. Exhibitor must supply the basket, or other container. Crops shown must have been grown by the exhibitor. No more than five varieties of any one vegetable crop are to be included. For example: Tomatoes constitute only one of the nine kinds of vegetables. The exhibitor may exhibit up to five varieties of tomatoes but they will count only as one kind of vegetable. The container must hold all the vegetables 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.

A card, listing vegetables and their varieties, must be attached to the container.

Trophy: A trophy will be awarded to the winner of this class, sponsored by the Missouri Department of Agriculture's Farmers' Market Program.

TRAY OF POTATOES

Entries shall consist of a single layer of the specified variety of potatoes in a tray provided by the Missouri State Fair. They must contain potatoes only; no filler material or ornamentation is allowed.

Uniformity is very important. Tubers must be free of skin diseases, insect damages and mechanical injury and from dirt. Defects such as second growth, growth cracks and sunburn are undesirable. Tubers should be typical of the variety in all respects, and a weight from 6 to 12 ounces each is considered desirable. Potatoes in any sample should run as nearly uniform in size and shape as possible. Potatoes may be brushed or washed.

Class	1	2	3
41 Irish Cobbler, Norland, Kennebec, Pontiac or Yukon Gold	\$20	\$14	\$9

MOST UNUSUAL VEGETABLE

42 Unusual-looking vegetables are an accident of nature which cannot as a rule be predicted and planned for at the beginning of the growing season. So we may all enjoy these specimens. \$20 \$14 \$9
Entries may be a single or multiple specimens. Entries will be judged on the basis of their quality as a vegetable, their uniqueness, unusual appearance and humorous qualities. Exhibitor will need to complete an entry tag and include on it a name or title for the entry.

**Fruit Variety Exhibits
Division B**

Class	1	2	3
43 Plate of any grapes	\$15	\$10	\$6
44 Plate of any apples	15	10	6
45 Plate of any peaches	15	10	6
46 Plate of plums, any variety	15	10	6
47 Plate of blackberries, any variety	15	10	6

**Youth Fruit and Vegetable Collections
Division C**

Display shall include nine different kinds of vegetable crops attractively arranged. Entries with greater or lesser number will be disqualified. The entry must contain only specimens commonly known as vegetables and may not include flowers or herbs or other items. Exhibitor must supply the basket, or other container. Crops shown must have been grown locally. No more than five varieties of any one vegetable crop are to be included. For example: Tomatoes constitute only one of the nine kinds of vegetables. The exhibitor may exhibit up to five varieties of tomatoes but they will count only as one kind of vegetable. The container must hold all the vegetables 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.

A card, listing vegetables and their varieties, must be attached to the container.

Parent and/or guardians must refrain from assisting youth with the set-up of youth exhibits. Assistance will only be allowed with the Horticulture Superintendent's permission. Any parent/guardian will be asked to refrain from assisting the youth and if the parent/guardian does not, the youth's entry will be removed from the judging competition.

Class	1	2	3
48 Missouri youth 6-10 years of age	\$20	\$14	\$9
49 Missouri youth 11-16 years of age	20	14	9

**Largest Variety Exhibits
Division D**

Class	1	2	3
50 Largest melon by weight, minimum weight 50 lbs	\$15	\$10	\$6

RURAL MISSOURI, official publication of Missouri's Electric Cooperatives, will award \$100 and a plaque to the winner of the biggest watermelon contest, Class 50. A plaque will be displayed with the watermelon during the 2010 Fair. (Minimum weight to qualify is 100 pounds.)

51 Largest pumpkin or squash by weight, minimum weight 70 lbs \$15 \$10 \$6

RURAL MISSOURI, official publication of Missouri's Electric Cooperatives, will award for the largest pumpkin, 150 to 250 pounds-\$100, 251 to 350 pounds-\$200, 351 pounds and above-\$300 and a plaque to the winner in Class 51. (Minimum weight to qualify is 150 pounds.)

**Section D
DAIRY PRODUCTS**

Superintendent - Rachel Bax, Jefferson City, MO
573-751-3830

Asst. Superintendent - Gene Wiseman, Jefferson City, MO
Judges - Dr. Robert T. Marshall, Columbia, MO
Mike Comotto

Prizes offered - Blue, Red, White Ribbons - Best of Show Medal
Judging Program - Friday, August 13 - 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, 2010. 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, 2010.
3. Any type of raw milk unpasteurized cheese must be manufactured prior to May 1, 2010.
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 12, 2010.**
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. Only one best of show medal, sponsored by Missouri Dairy Products, will be awarded. Only blue ribbon winners of each class will be eligible to compete for the best of show medal.
10. The receipt of blue ribbons 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, 2010, but before August 1, 2010
- 2 2% or Reduced Fat Mild Cheddar & Colby Cheese made after May 1, 2010, but before August 1, 2010
- 3 1% or Low Fat Mild Cheddar & Colby Cheese made after May 1, 2010, but before August 1, 2010
- 4 Aged Cheddar & Colby Cheese made prior to April 1, 2010
- 5 2% or Reduced Fat Aged Cheddar & Colby Cheese made prior to April 1, 2010
- 6 1% or Low Fat Aged Cheddar & Colby Cheese made prior to April 1, 2010

MONTEREY JACK

(one entry per plant)

Open to commercially licensed plants only

- 7 Monterey Cheese made prior to August 1, 2010
- 8 2% or Reduced Fat Monterey Cheese made prior to August 1, 2010
- 9 1% or Low Fat Monterey Cheese made prior to August 1, 2010

SWISS

(one entry per plant)

Open to commercially licensed plants only

- 10 Swiss made prior to June 16, 2010.
- 11 2% or Reduced Fat Swiss made prior to June 16, 2010
- 12 1% or Low Fat Swiss made prior to June 16, 2010

MOZZARELLA

(one entry per plant)

Open to commercially licensed plants only

- 13 Mozzarella made prior to August 1, 2010. Plant should designate if not part skim milk low moisture cheese.
- 14 2% or Reduced Fat Mozzarella made prior to August 1, 2010. Plant should designate if not part skim milk low moisture cheese.
- 15 1% or Low Fat Mozzarella made prior to August 1, 2010. Plant should designate if not part skim milk low moisture cheese.

ROMANO

(one entry per plant)

Open to commercially licensed plants only

- 16 Romano cheese made prior to August 1, 2010. To be marked goat, sheep, or cow's milk or blended types of milk
- 17 2% or Reduced Fat Romano cheese made prior to August 1, 2010. To be marked goat, sheep, or cow's milk or blended types of milk
- 18 1% or Low Fat Romano cheese made prior to August 1, 2010. To be marked goat, sheep, or cow's milk or blended types of milk

PROCESSED AMERICAN CHEESE

(one entry per plant)

Open to commercially licensed plants only

- 19 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

- 20 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)
- 21 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)

COTTAGE CHEESE

(one entry per plant)

- 22 4% or Whole Small curd cottage cheese. Must be made in commercial containers.
- 23 2% or Reduced fat Small curd cottage cheese. Must be made in commercial containers.
- 24 1% or Low fat Small curd cottage cheese. Must be made in commercial containers.
- 25 4% or Whole Large curd cottage cheese. Must be made in commercial containers.
- 26 2% or Reduced Fat Large curd cottage cheese. Must be made in commercial containers.
- 27 1% or Low fat Large curd cottage cheese. Must be made in commercial containers.
- 28 Dry Curd cottage cheese. Must be made in commercial containers.

BUTTER

(one entry per plant)

- 29 Salted butter that conforms 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.
- 30 Unsalted butter that conforms 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.

SOUR CREAM

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

- 31 Whole Sour Cream, not flavored, conforming to standards for Grade A sour cream in Missouri. Must be in commercial containers.
- 32 Lite sour cream, not flavored, conforming to standards for Grade A sour cream in Missouri. Must be in commercial containers.

ICE CREAM AND FROZEN YOGURT

(one entry per plant, per class)

- 33 Premium all natural vanilla ice cream
- 34 Commercial or regular vanilla flavored or artificially flavored vanilla ice cream.
- 35 Premium all natural chocolate ice cream
- 36 Commercial or regular chocolate flavored or artificially flavored chocolate ice cream.
- 37 Frozen Yogurt with any fruit flavor.

YOGURT

- 38 Whole plain flavored yogurt
- 39 Reduced Fat or 2% plain flavored yogurt
- 40 Low Fat or 1% plain flavored yogurt
- 41 Whole Berry flavored yogurt (any type of berry)
- 42 Reduced Fat or 2% Berry flavored yogurt (any type of berry)
- 43 Low Fat or 1% Berry flavored yogurt (any type of berry)
- 44 Whole Miscellaneous flavored yogurt
- 45 Low Fat or 1% Miscellaneous flavored yogurt

- 46 Fat Free plain flavored yogurt
- 47 Fat Free berry flavored yogurt
- 48 Fat Free miscellaneous flavored yogurt
- CULTURED BUTTERMILK**
- 49 Whole or 4% Cultured Buttermilk
- 50 Reduced Fat or 2% Cultured Buttermilk
- 51 Low Fat or 1% Cultured Buttermilk
- FLUID MILK**
- 52 Whole Milk
- 53 Whole Chocolate
- 54 Whole Strawberry
- 55 Whole Miscellaneous
- 56 2% or Reduced Fat White milk
- 57 2% or Reduced Fat Chocolate milk
- 58 2% or Reduced Fat Strawberry milk
- 59 2% or Reduced Fat Miscellaneous flavored milk

**Section E
QUALITY HAY CONTEST**

**Superintendent - Mark Murphy, MDA, Jefferson City, MO
573-751-5633
Hay Judges
Bill Garrett, Golden City, MO
Jeremy Hayward, Ozark, 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. AMBRACO, Dubuque, IA, will award one bale of Brazilian Gold twine 7200 strength to the 1st, 2nd and 3rd place winners in Classes 1 - 8 and one bale of Brazilian untreated, 16,000 strength to the 1st, 2nd and 3rd place winners in Classes 9 - 10.

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.

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

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.

Garst Seed Company, Overland Park, KS, will award one bag of Garst Alfalfa seed for the Grand Champion.

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.

Fabpro 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.

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.

Tigerco Distributing Co., Braymer, MO/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.

Plaques will be awarded 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 12, 2010 - 10:00 a.m. - West of the Coliseum

RULES AND REGULATIONS

- 1. Entries close July 30, 2010. Entry forms and entry fees must be mailed or delivered to the Missouri Department of Agriculture, Agricul-

ture Business Development, Quality Hay Contest, P.O. Box 630, Jefferson City, MO 65102. ALL hay and balage sampled by University of Missouri Extension personnel MUST be mailed to Custom Laboratory Inc., 204 C Street, Golden City, MO 64748, 417-537-8337.

- 2. A fee of \$20 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 \$3 entry fee will be charged and the same lab analysis will be used at the Missouri State Fair.
- 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.

NEW

In response to the State of Missouri's current budgetary concerns, it has become necessary for the Missouri State Fair to reduce premiums by 20% for the 2010 Fair. Monies offered in this premium guide reflect the stated reduction.

- 5. Only lab analyses from CUSTOM LABORATORY INC. will be accepted.
- 6. Only Missouri residents with hay harvested in Missouri are eligible to enter this contest.
- 7. Hay must have been harvested in 2010. 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.
- 8. Exhibitors are limited to 2 entries per **CLASS. Only one entry per field, per cutting is allowed.**
- 9. 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 and labeled. The balage entries should be delivered Wednesday, August 11, by 3:00 p.m. to the Missouri State Fairgrounds, Hay Tent, located west of the Coliseum.
- 10. **ANY ENTRY IN CLASSES 1-8 WILL CONSIST OF TWO SMALL SQUARE BALES OF HAY.** The bales entered MUST be two 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.
- 11. 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.
- 12. Sampling of ten representative bales of the hay entered in each respective class will be done by University of Missouri Extension personnel. The representative bales of hay must be delivered to the Fairgrounds by 3:00 p.m., Wednesday, August 11.
- 13. 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.
- 14. The Superintendent reserves the right to change entries from one class to another if the entry is inappropriate for that class.
- 15. 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

- 16. ALL DECISIONS MADE BY THE JUDGING COMMITTEE ARE FINAL.
- 17. The awards presentation will be held on Sunday, August 15, at 1:00 p.m. in the Quality Hay Contest tent located west of the Coliseum.

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