



Department 1-5 FFA FIELD CROPS HORTICULTURE AGRICULTURAL MECHANICS FFA BUILDING EXHIBITS

The FFA is the national organization of agricultural education students in public secondary schools. In 2012, Missouri FFA reached an all-time record membership since the organization's founding over 80 years ago. Missouri FFA membership has shown a steady increase for the past thirty years with enrollment of 13,325 students in 1985, and over 25,677 in 2022. Research results show that the four-year sequential program in agricultural education provides good preparation for the agriculture production, agricultural business and service, agricultural technology, natural resources, horticulture and other agricultural professions.

SUPERINTENDENT

**Jim Spencer, Jr., Agriculture, Food and
Natural Resources Education
Department of Elementary and Secondary Education
Jefferson City, MO 65102**

4-H and FFA LIVESTOCK GENERAL LIVESTOCK RULES FOR 2024 MISSOURI STATE FAIR SEE INFORMATION IN THAT DEPARTMENT

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.

FFA EDUCATIONAL DISPLAYS AND AGRICULTURAL MECHANICS EXHIBITS

This section provides an opportunity for the public to develop an appreciation of this important phase of agricultural education and FFA programs. Also, it provides a means of giving recognition for accomplishments in this area and furnishes opportunities for exchanging ideas.

Every precaution will be taken to protect the exhibits; however, neither the Missouri State Fair nor the officials of this department will be responsible for any losses or damage to exhibits.

JUDGING AND AWARDS FFA AGRICULTURAL MECHANICS, FIELD CROPS, HORTICULTURE, EXHIBIT BOOTHS AND DISPLAYS

1. **Judging** - The judges will place all classes according to merit in ribbon groups. Unworthy exhibits will not be placed.
2. **Awards** - Ribbons will be awarded as determined by the group placing. Premiums will be paid on a point basis on the group ribbons awarded. The values of a point for these exhibits will be determined by dividing the total points of ribbons awarded for these exhibits into the total money allotted to this section. The point value for the educational and demonstration booths may vary from year to year depending on participation.

FFA EDUCATIONAL BOOTH RESERVATIONS

1. Educational booth space will be reserved by sending an email to Jim Spencer, Jr., Jim.Spencer@dese.mo.gov on or before May 1, 2024. Chapters should clearly specify whether they are requesting an Educational Booth or Horticulture Booth.
2. Entries will be accepted on a first-come, first-served basis except for chapters who requested but who didn't get a booth last year because of space limitations. Chapters who requested but didn't get a booth space in 2024 must still request a booth by the deadline to receive preferential treatment.
3. Booths will be limited to 12 entries.
4. Schools will receive the list of chapters with educational booths after May 15, 2024.

FFA EDUCATIONAL BOOTH REGULATIONS

1. A space containing a sloping table will be provided for each exhibit booth. Each chapter's space is 5' 4" wide across the front and 6' deep with a solid plywood top. The rear of the table has a 4' high by 5' 4" wide plywood back wall for displaying school banners or exhibit material. Electrical outlets are provided.
2. All exhibits must be in place by 4:00 p.m. on Tuesday, August 6th.
3. Educational Booths must be in place by 4:00 p.m. Tuesday, August 6th.
4. The booths will be placed into Gold, Silver and Bronze ribbon groups, and a Grand Champion booth will be picked. The score card for the FFA Educational Booths will remain the same as in past years.

Score Card for FFA Educational Agricultural Booths

Purpose: To promote the benefits of enrolling in agricultural education and joining FFA. Booths will be the type that could be used in a variety of settings, such as FFA Week booths, shopping center displays, local fairs, etc. PROMOTES BENEFITS OF AGRICULTURAL EDUCATION AND FFA (50 PTS.)

Promotes one of the three components:

(Classroom, SAEP, Leadership) 30 pts.

Central theme:

(promotes one idea, caption, title)..... 20 pts.

APPEARANCE (50 PTS.)

Attention 10 pts.

Interest 10 pts.

Durability 10 pts.

Neatness 10 pts.

Organization 10 pts.

TOTAL POINTS 100 pts.

FFA HORTICULTURE BOOTH RESERVATIONS

1. Horticulture booth space will be reserved by sending an email to Jim Spencer, Jr., Jim.Spencer@dese.mo.gov on or May 1, 2024. Chapters should clearly specify whether they are requesting an Educational Booth or Horticulture Booth.
2. Entries will be accepted on a first-come, first-served basis with a limit of six horticulture booths accepted.
3. Schools will receive the list of chapters with booths after May 15, 2024.
4. No plants or materials in the booth will be judged as separate exhibits.

FFA HORTICULTURE BOOTH REGULATIONS

1. A floor space approximately 8' by 6' will be provided each chapter on which to build their horticulture display. Booths will be placed at various locations in the FFA Building to be determined by FFA officials as chapters arrive based on the building's layout for that year. Because of increased interest from chapters to bring Horticulture Booths, it will be necessary to enforce the 8' by 6' dimensions. Electrical outlets are provided.
2. All exhibits must be in place by 4:00 p.m. on Tuesday, August 6th.
3. The booths will be placed into Gold, Silver and Bronze ribbon groups and a Grand Champion booth will be picked.

CHAPTER SCRAPBOOKS

Chapters exhibiting the first place scrapbook at each of the sixteen 2024 FFA Area Contests are invited to display their winning scrapbooks in the FFA Building. The scrapbooks will be on display two to four scrapbooks at a time. They will be rotated daily with the extra books being stored in the office.

The scrapbooks should be brought to the FFA Building on August 6, 7 or 8. The books should be picked up on Sunday, August 18, after 6:00 p.m. or on Monday, August 19 before 10:00 a.m.

FFA AGRI-SCIENCE FAIR

The Agri-Science Fair is established to recognize FFA members who are studying the application of scientific principles and emerging technologies in an agricultural enterprise. As the Agri-Science Fair evolves in the future, rules and guidelines may change, but the National Agri-Science Student Program application, a student interview and a table display will be used as the criteria for selecting the 2024 winners. Eligibility requirements differ from the National FFA application in that participation is open to any current FFA member who is a current high school student or 2024 graduate.

1. Pre-entry will consist of emailing a list of contestants and their respective categories to Jim Spencer, Jr. by August 1, 2024.
2. Agri-Science Fair entries must be in place by 10:00 a.m. on Thursday, August 8th.
3. A table space of approximately 4 ft. wide and 2 ft. deep will be provided each applicant. The display should include the National FFA Agri-Science Student Application (which will be returned back to the student) along with pictures, diagrams, charts, and other items which will help demonstrate the student's Agri-Science project. A self-standing backboard is suggested but may be only four feet high.
4. Students must be present for an interview which will consist of 25% of the judging. The interview will be to determine the student's knowledge of the Agri-Science project and what was learned.
5. Scoring rubric will be provided to contestants after pre-entries are received.
6. Each exhibit may consist of one or more panels of information and any objects the student wishes to display. The exhibit panels must be constructed so as to be stable and free standing. BOTH SIDES of the display must be covered with an attractive backing.
7. All projects must have the following information attached to the upper right hand corner of the exhibit: a) Name of person(s) responsible for developing project. b) Grade in school (for the previously completed school year). c) Chapter name.
8. Agri-Science project topics should be selected from one of the following five categories.

CATEGORIES **EXAMPLES**

- A. Food Science
- Control of molds on bakery products
 - Compare yeast fermentation techniques for converting sugars to alcohol
 - Resistance of organic fruits to common diseases
- B. Environmental Science
- Effect of agricultural chemicals on water quality
 - Compare water movements through different soil types
 - Effects of cropping practices on wildlife populations
 - Compare irrigation systems for energy efficiency
 - Compare effects of thawing temperatures on livestock
 - Compare nutrient levels on animal growth semen
 - Effects of growth hormone on meat/milk production
 - Research new disease control mechanisms
 - Effects of estrus synchronization on ovulation
- C. Animal Science
- Effects of lunar climate and soil conditions on plant growth
 - Effects of substrate particle size on shiitake mushroom growth
 - Effects of heavy metals such as cadmium on edible plants
 - Compare plant growth between hydroponics and conventional methods
 - Effect of ultraviolet light on soil microbes
- D. Plant/Soil Science
- Develop alternate energy source engines
 - Investigate light energy sources
 - Absorption media for plant materials energy efficiency
- E. Mechanical/Engineering Science
9. The projects will be placed into Gold, Silver, and Bronze ribbon groups and a Grand Champion and Reserve Champion will be selected.

FFA AGRICULTURAL MECHANICS PROJECTS

1. Articles exhibited must have been constructed by FFA members either as part of their agricultural mechanics instruction in agricultural education or as part of their supervised occupational experience programs.
2. Entries will be judged separately and independently by three judges on the basis of workmanship, finish, design, strength, usefulness and suitability. Each judge will score each entry on a 4 point scale. The Agricultural Mechanics Chairman will tabulate the final ribbon placing using the following judging scale:
- | | |
|-----------|--------------|
| 4.0 - 3.5 | Purple |
| 3.4 - 2.5 | Gold |
| 2.4 - 1.5 | Silver |
| 1.4 - 1.0 | Bronze |
| 0.9-0 | Disqualified |
3. A champion and reserve champion rosette will be awarded to the best entry in each of the following point ranges (based on the allowable points for a Purple) or category in the FFA Agricultural Mechanics show. The selection of these champions will first be based on the total points received by three judges. A tie in points will be broken by the three judges. Champions do not need to have received a purple placing, if no project in the point range has received a purple: 1 to 29 points, 30 to 59 points, 60 to 99 points, 100 to 149 points, 150 to 179 points, 180 to 199 points, and over 200 points. Champion and Reserve Champion Ag Mechanics Metals will be awarded. Champion and Reserve Champion Ag Mechanics Wood, Champion and Reserve Champion Ag Mechanics Refinished/Restored.
4. The Restored, Refinished or Rebuilt Tractor or Lawn/Farm Equipment must be in place by 9:00 a.m. on Wednesday, August 7, 2024. Students may elect to be present for an interview, which will start at 9:00 a.m. on Wednesday, August 7. The interview will be to determine the student's knowledge of the project and what was learned. Students are asked to bring a portfolio to show the process, work and cost of the project. This interview will play a small role in the judges' final score. There should also be a laminated story board with at least 6 pictures showing the progress of the project, which will stay with the project throughout the fair.
5. No agriculture education instructors or students with agricultural mechanics entries at the State Fair will be allowed to confer with the judges during judging with the exception of Restored, Refinished or Rebuilt category items.
6. An article can be shown only once at the State Fair, but does not have to be constructed during the year it is exhibited.
7. All articles must be painted or properly treated in the case of feeders, etc. All articles must be clean and in presentable condition even though they may have been used. No spray painting will be allowed on the fairgrounds.
8. Each exhibitor is limited to a total of two entries of the same kind of project.
9. The superintendent may adjust the points up or down when a project is unusual in size or difficult, and it appears necessary in order to keep the points in balance.
10. Projects built to be used as one unit should be entered as one entry and not entered separately. (Example: Trailer ramps should not be entered separately from the trailer if the trailer is being exhibited.) The FFA superintendent and the Agricultural Mechanics superintendent will make the final ruling if a question arises.

11. All agricultural mechanics exhibits MUST BE on grounds by 4 p.m., Tuesday, August 6. Projects may start arriving as early as 3 p.m. on Monday, August 5. The only exception to this will be the Restored, Refinished, or Rebuilt Tractors or Lawn/Farm Equipment, which must be in place by 9:00 a.m. on Wednesday, August 7.
12. Exhibits will be released at 6:00 p.m., Sunday, August 18. Premiums will not be paid for exhibits leaving the Fairgrounds before the release time. Exhibits remaining on the grounds after 10:00 a.m. on Monday, August 19, will be unattended.
13. A skid steer will be available to unload only. No skid steer will be available on Sunday, August 18 to load projects.

Class No.	Class	Purple	Gold	Silver	Bronze
Livestock Trailers					
A1000	Large (Gooseneck)	240	180	120	60
A1001	Medium (Bumper)	180	135	90	45
Machinery Trailers Gooseneck					
A1100	Large (32' or longer)	240	180	120	60
A1101	Medium (20' to 31')	180	135	90	45
A1102	Small (19' or less)	165	120	75	35
Machinery Trailers Bumper Hitch					
A1103	Large (20' or longer)	180	135	90	45
A1104	Medium (14' to 19')	160	120	80	40
A1105	Small (13' or less)	80	60	40	20
Scrapers/Blades					
A1300	Large with Hydraulics	120	90	60	30
A1301	Medium	60	40	20	10
A1302	Small	32	24	16	8
Hay Trailer & Equipment					
A1400	Large (has Hydraulics)	120	90	60	30
A1401	Medium (No Hydraulics)	60	40	20	10
A1402	Small (No Hydraulics)	32	24	16	8
Livestock & Animal Equipment					
A1500	Large (Total Animal Working)	120	90	60	30
A1501	Medium (Single, gates, panels, etc.)	80	60	40	20
A1502	Small (Feed bunk or smaller)	32	24	16	8
Shop Equipment					
A1600	Large (Pressess, Tables)	32	24	16	8
A1601	Small (Jack Stand pairs, etc.)	12	9	6	3
Vehicle & Tractor Accessories					
A1700	Large (Carryalls & Guards)	32	24	16	8
A1701	Medium (Ramps to Headache rack)	12	9	6	3
A1702	Small (Ramps - receiver caps)	4	3	2	1
Metal Lawn/Household Items					
A1800	Large (Yard Swing - Wood rack)	18	12	8	4
A1801	Small (Post Puller - Horseshoe fig.)	8	6	4	2
Outdoor Recreation - Metal					
A1900	Large (Sheds - Big Smokers)	80	60	40	20
A1901	Medium (Picnic table - Chairs)	32	24	16	8
A1902	Small (Deer stands - targets)	12	9	6	3
Wood Division					
Wood Lawn					
A2000	Large (Sheds - Fine Furniture sets)	140	105	70	35
A2001	Medium (Picnic Table - Double Chair)	64	48	32	16
A2002	Small (Benches - Bird houses)	10	8	6	4
Outdoor Rec - Wood					
A2100	Large (Yard swin - shooting bench)	32	24	16	8
A2101	Medium (Cornhole boards)	24	16	10	6
A2102	Small	10	8	6	4
Household Division					
Indoor Metal Household Projects					
A3000	Large (4'x4' (over 16 sq ft) larger signs, tables, etc.)	32	24	16	8
A3001	Medium (under 4'x4' and over 2'x2'(4 sq ft) sign, shelf, table, etc.)	12	9	6	3
A3002	Small (2'x2'(4 sq ft) or smaller sign, metal art, horse shoe art, wall decor, etc.)	6	4	3	1
Indoor Wood Household Projects					
A3003	Large (fine furniture, kitchen table, dresser, etc.)	64	48	32	16
A3004	Medium (fine side tables, chairs, chests, signs over cutting board, signs over 3'x3'(9 sq ft)	32	24	16	8
A3005	Small (plant stands, gun racks, stools, sign, string art, wall decor, signs under 3'x3')	12	9	6	3

Restored Refinished Rebuilt Division**Refinished, Restored, & Rebuilt Tractors & Lawn/Farm Equipment**

A4000 Restored Tractor with Story Board	180	135	90	45
A4001 Refinished Tractor	110	90	70	50
A4002 Rebuilt Garden Tractor	32	24	16	8
A4003 Restored Implement	12	9	6	3

SPECIALS

1. **MFA Incorporated** will award an attractive FFA plaque to the chapter having the most outstanding Agricultural Mechanics exhibit.

FFA FIELD CROPS, HORTICULTURE, FRUIT & VEGETABLES**REGULATIONS**

- Field Crop-Horticulture exhibits must be in place by 4:00 p.m. on Tuesday, August 6th.
- All entries must have been grown by the exhibitor as a part of his or her supervised occupational experience program. All samples must have been produced during the year specified for the class. The exhibitor shall be keeping records of such entries in the approved Missouri Farm Business Record Book, reporting such enterprises on the departmental VA-3 (Report of the Students SAE Program) and have on file validating forms with the school's departmental records.
- Only exhibits of high quality and purity will be judged as eligible for premiums.
- Exhibits entered in "misc" should not fit in any other category/division.
- If exhibits are not entered on-line or are incorrectly entered they will be disqualified ie. wrong class, # entered or bad quality.
- Grain and seed samples will be displayed in containers furnished by the FFA department at the Fair. There must be exactly two quarts in each sample. Samples of incorrect size will be disqualified.
- Each sample must contain a label showing exhibitor's name, chapter, kind of crop, variety, and class number entered in. These will be provided when entering the exhibits at the Fair. Schools with a large number of field crop entries may request cards be sent to them before Fair time by contacting Jim Spencer, Jr. at the state MVATA Conference in July. Guidelines for sample size of forage entries will be provided to all FFA Advisors at MVATA summer conference.
- Clipped oats and barley will be excluded from the competition.
- Each ear of corn must be in its natural condition and not more than one percent of its grain missing.
- Each exhibitor is limited to one entry in each class of all the Field Crops classes. Exhibitors are limited to a total of ten entries in each of the Horticulture and Fruits and Vegetables divisions. Exhibitors are limited to three entries per class in the Fruits and Vegetables classes. The entries must be of a different variety. For example, separate plates of Concord, Niagara, Seyval, and Vidal grapes may be entered by one exhibitor in the Plate of Grapes class.
- The Floriculture and Fruit/Vegetable Superintendents have the right to disqualify entries which show extreme signs of wilting when the exhibits are judged Thursday morning. Wilting entries will be discarded.
- Point values are: Gold-12 points; Silver-8 points; and Bronze-4 points: except for corsages, bud vases and boutonnieres: Gold-3 points; Silver-2 points; Bronze-1 points.
- Premiums paid per point will not be determined until the number of entries is known after the Fair begins.
- All Field Crop, Floriculture and Fruit/Vegetable exhibits are released at 6:00 p.m. on Sunday, August 18. Exhibits not removed from the fairgrounds by 10:00 a.m. on Monday, August 19 will be discarded. Horticulture exhibits that deteriorate out of condition before the end of the Fair will be discarded.

FIELD CROPS CLASSES**Class Description - Grain and Seed**

Class No.	Class	Purple	Gold	Silver	Bronze
201	Corn, yellow shelled, 1 quart (2022 crop)	12	8	4	
202	Corn, white shelled, 1 quart (2022 crop)	12	8	4	
	Grand & Reserve Champion Corn				
	Grain or Seed	16			
210	Soybeans, 1 quart (2022 crop)	12	8	4	
211	Sunflower, non-ornamental (2022 or 2023 crop)	12	8	4	
	Grand & Reserve Champion Oil Crop				
	Grain or Seed	16			
220	Grain Sorghum, 1 quart (2022 crop)	12	8	4	
221	Forage Sorghum, 1 quart (2022 crop)	12	8	4	
222	Sudangrass, 1 quart (2022 crop)	12	8	4	
	Grand & Reserve Champion Sorghum				
	Grain or Seed	16			

230	Oats, 1 quart (2022 crop or 2023 crop)	12	8	4
231	Rye, 1 quart (2022 crop)	12	8	4
232	Wheat, 1 quart (2022 crop or 2023 crop)	12	8	4
233	Winter Barley, 1 quart (2022 crop)	12	8	4
	Grand & Reserve Champion Cereal			
	Grain or Seed	16		
240	Birdsfoot Trefoil, 1 quart (2022 crop)	12	8	4
241	Lespedeza, 1 quart (2022 or 2023 crop)	12	8	4
242	Red Clover, 1 quart (2022 or 2023 crop)	12	8	4
243	Sweet Clover, 1 quart (2022 or 2023 crop)	12	8	4
244	Alfalfa, 1 quart (2022 or 2023 crop)	12	8	4
	Grand & Reserve Champion Forage Legume			
	Grain or Seed	16		
250	Bromegrass, 1 quart (2022 or 2023 crop)	12	8	4
251	Orchardgrass, 1 quart (2022 or 2023 crop)	12	8	4
253	Reed Canary Grass, 1 quart (2022 crop)	12	8	4
254	Tall Fescue, 1 quart (2022 or 2023 crop)	12	8	4
255	Timothy, 1 quart (2022 or 2023 crop)	12	8	4
	Grand & Reserve Champion Forage Grass			
	Grain or Seed	16		
260	Warm Season Grasses, 1 quart (2022 or 2023 crop)	12	8	4
	Grand & Reserve Champion Warm Season			
	Grasses	16		
289	Miscellaneous Grain & Seed (Must not fit another category. Only 1 miscellaneous entry per exhibitor.)	12	8	4
	Grand & Reserve Champion Miscellaneous			
	Grain or Seed	16		
Plants				
300	Cornstalks, bundle of 3 stalks (2023 crop)	12	8	4
	Grand & Reserve Champion Cornstalks	16		
310	Soybean Plants, bundle of 3 stalks, roots off (2023 crop)	12	8	4
	Grand & Reserve Champion Soybeans	16		
330	Grain or Forage Sorghum, 3 heads (2023 crop)	12	8	4
331	Millett, 1 bundle (2023 crop)	12	8	4
332	Sudangrass, 1 bundle (2023 crop)	12	8	4
	Grand & Reserve Champion Sorghum/			
	Sudan/Millett	16		
340	Alfalfa, 1 bundle (2023 crop)	12	8	4
	Grand & Reserve Champion Alfalfa	16		
341	Birdsfoot Trefoil, 1 bundle (2023 crop)	12	8	4
342	Lespedeza, 1 bundle (2023 crop)	12	8	4
343	Red Clover, 1 bundle (2023 crop)	12	8	4
344	Sweet Clover, 1 bundle (2023 crop)	12	8	4
	Grand & Reserve Champion			
	Forage Legumes	16		
350	Warm Season, 1 bundle (2023 crop)	12	8	4
351	Bromegrass, 1 bundle (2023 crop)	12	8	4
352	Fescue, 1 bundle (2023 crop)	12	8	4
354	Orchardgrass, 1 bundle (2023 crop)	12	8	4
357	Timothy, 1 bundle (2023 crop)	12	8	4
	Grand & Reserve Champion			
	Forage Grasses	16		
361	Field Sunflower, 2 plants (2023 crop)	12	8	4
	Grand & Reserve Champion			
	Sunflower Plants	16		
380	Miscellaneous Plants (must not fit another category. Only 1 miscellaneous entry per exhibitor.)	12	8	4
	Grand & Reserve Champion			
	Miscellaneous Plant	16		

Baled Hay - 4 inch Blocks - Must be tied with twine in a crisscross manner.

400	Alfalfa Hay (2023 crop)	12	8	4
	Grand & Reserve Champion Alfalfa Hay	16		
401	Lespedeza Hay (2023 crop)	12	8	4
402	Red Clover Hay (2023 crop)	12	8	4
403	Other Legume Hay (2023 crop)	12	8	4
	Grand & Reserve Champion			
	Legume Hay	16		
410	Grass Hay (2023 crop)	12	8	4
411	Mixed Grass and Legume Hay (2023 crop)	12	8	4
	Grand & Reserve Champion Mixed Grass			
	& Legume Hay	16		
412	Warm Season Grass Hay (2023 crop)	12	8	4
	Grand & Reserve Champion Grass Hay	16		
420	Grain Hay (2023 crop)	12	8	4
429	Miscellaneous Hay (2023 crop) (Must not fit another category. Only 1 miscellaneous entry per exhibitor.)	12	8	4
	Grand & Reserve Champion			
	Miscellaneous Hay	16		

FLORICULTURE CLASSES

Corsages/Boutonnieres

500	Fresh Corsage	5	3	2
501	Silk-Dried Corsage	5	3	2
	Grand & Reserve Champion Corsage	15		
502	Fresh Boutonniere	3	2	1
503	Silk-Dried Boutonniere	3	2	1
	Champion & Reserve Champion Boutonnieres	15		

Planters

510	Dish Garden Planter	9	6	3
511	Terrarium Planter	9	6	3
512	Flower Box Planter	12	8	4
	Champion & Reserve Champion Planters	15		

Bridal Bouquets

520	Fresh Bridal Bouquet	9	6	3
521	Silk Bridal Bouquet	9	6	3
	Champion & Reserve Champion Bridal Bouquets	15		

Bud Vases

530	Fresh Bud Vase	6	4	2
531	Silk-Dried Bud Vase	6	4	2
	Grand & Reserve Champion Bud Vase	15		

Centerpiece

540	Fresh Centerpiece	9	6	3
541	Podium or Church Centerpiece	9	6	3
542	Silk-Dried Centerpiece	9	6	3
	Champion & Reserve Champion Centerpiece	15		

Seasonal Arrangement or Wall Hanging

545	Wreaths	9	6	3
546	Wall hangings	9	6	3
	Grand & Reserve Champion Wreaths/Wall Hangings	15		
550	Fresh Seasonal Arrangement	9	6	3
551	Silk-Dried Seasonal Arrangement	9	6	3
552	FFA Arrangement	9	6	3
	Champion & Reserve Champion Seasonal Arrangement	15		

Garden Flowers (Cut)

560	5 Gladiolus	9	6	3
561	5 Marigolds	9	6	3
562	5 Perennials	9	6	3
563	5 Roses	9	6	3
564	5 Zinnias	9	6	3
565	Blazing Star	9	6	3
566	Sunflower	9	6	3
567	Cockscomb/Celosia	9	6	3
568	Snap Dragon	9	6	3
570	Stock	9	6	3
571	Transvall Daisy	9	6	3
579	Miscellaneous Garden Flower (must not fit another category. Only 1 miscellaneous entry per exhibitor.)	9	6	3
	Champion & Reserve Champion Garden Flowers	15		

Perennials (In Pot)

580	Ajuga	9	6	3
581	Astibe	9	6	3
583	English Ivy - Hedri	9	6	3
584	Gaillardia	9	6	3
586	Hosta Lily	9	6	3
588	Mum	9	6	3
599	Miscellaneous Perennial (must not fit another category. Only 1 miscellaneous entry per exhibitor.)	9	6	3
	Champion & Reserve Champion Perennials	15		

House Plants (In Pot)

600	"Decora" Rubber Plant	9	6	3
601	African Violet	9	6	3
602	Aglaonema (Chinese Evergreen)	9	6	3
603	Airplane Plant/Spider Plant	9	6	3
604	Aluminum Plant	9	6	3

605	Benjamin (Weeping) Fig	9	6	3
606	Boston Fern	9	6	3
607	Bromeliad	9	6	3
608	Caladium	9	6	3
609	Corn Plant Dracena	9	6	3
610	Croton	9	6	3
611	Cutleaf Philodendron	9	6	3
612	Dwarf Schefflera	9	6	3
613	Emerald Ripple Peperomia	9	6	3
614	English Ivy	9	6	3
615	Fuchsia	9	6	3
616	Golden Barrel Cactus	9	6	3
617	Golden Pothos, Devils Ivy	9	6	3
618	Grape Ivy	9	6	3
619	Heartleaf Philodendron	9	6	3
620	Ivy Geranium	9	6	3
621	Jade Plant	9	6	3
622	Medicine Plant/Kalanchoe	9	6	3
623	Nephthytis (Arrowhead)	9	6	3
624	Norfolk Island Plant	9	6	3
625	Parlor Palm	9	6	3
626	Peace Lily	9	6	3
627	Prayer Plant	9	6	3
628	Purple Passion	9	6	3
629	Red Edge Dracaena	9	6	3
630	Sanserveria (Snake Plant)	9	6	3
631	Schefflera	9	6	3
632	Sprenger "Fern"	9	6	3
633	Spotted Dumbcane	9	6	3
634	Strawberry Begonia	9	6	3
635	Succulents	9	6	3
636	Swedish Ivy	9	6	3
637	Tricolor Bromeliad	9	6	3
638	Variegated Peperomia	9	6	3
639	Wandering Jew	9	6	3
640	Watermelon Peperomia	9	6	3
641	Wax Plant	9	6	3
649	Miscellaneous House Plant (must not fit another category. Only 1 miscellaneous entry per exhibitor)	9	6	3
	Champion & Reserve Champion House Plant	15		

Bedding Plants (In Pot)

650	Celosia	9	6	3
651	Coleus	9	6	3
652	Dusty Miller	9	6	3
653	Geranium	9	6	3
654	Impatiens (Sutana)	9	6	3
655	Marigold	9	6	3
657	Periwinkle/Vinca	9	6	3
658	Petunia	9	6	3
659	Rose Moss/Portulaca	9	6	3
660	Salvia	9	6	3
661	Tuberus Begonia	9	6	3
662	Wax Begonia	9	6	3
663	Zinnia	9	6	3
669	Miscellaneous Bedding Plants (must not fit another category. Only 1 miscellaneous entry per exhibitor)	9	6	3
	Champion & Reserve Bedding Plants	15		

FRUITS AND VEGETABLES

All exhibitors may enter up to three varieties per class in the Fruits and Vegetables, if the duplicate entries are specifically different in variety than the student's other entries in that class; for example, red tomatoes, yellow tomatoes or pink tomatoes. Cherry tomatoes have a class of their own. Regular pumpkins and mini pumpkins are divided. Bell peppers and hot peppers are divided as well. NOTE: all peppers that are not Bell are considered "hot" peppers and show in the same class. Each exhibitor is limited to **TEN** total entries in the Fruit and Vegetable division. Only fruits/vegetables that do not have a class may be entered in the Misc. classes. Variety name must be entered on the entry card.

Canned Food Guidelines:

1. Jars used for canning must be standard colorless glass jars, sealed with two-piece lacquer lids. Jars with zinc lids will not be accepted. Jellies must be in standard jelly jars. No jelly sealed with paraffin wax will be accepted.
2. Each entry must have a plain white label stating: product - specify name of canned food; date - month and year processed (all products must be less than 1 year since process date); method - specify either boiling water bath or pressure canned with pounds of pressure noted; and time processed - note the time in minutes. Please do not include your name on canning labels.
3. All canned products and jellies must have tags attached with string.
4. Food Preservation will not be opened.
5. Recipes need not accompany classes.
6. Canned goods will be displayed in regulation jars with rings left on.
7. Any sign of spoilage, unsealed jars or alteration from recommended procedures will be basis for disqualification.

Class No.	Class	Purple	Gold	Silver	Bronze
700	4 Apples		9	6	3
710	4 Peaches		9	6	3
720	4 Pears		9	6	3
	Champion & Reserve Tree Fruit	15			
730	Plate of 15 Green Beans		9	6	3
	Champion & Reserve Green Beans	15			
740	4 Bell Peppers		9	6	3
	Champion & Reserve Bell Peppers	15			
745	4 Hot Peppers/Other Peppers		9	6	3
	Grand & Reserve Champion Hot Peppers	15			
750	8 Cherry Tomatoes		9	6	3
	Grand & Reserve Champion Cherry Tomatoes	15			
760	3 Tomatoes		9	6	3
	Champion & Reserve Tomatoes	15			
770	1 Cantaloupe		9	6	3
	Grand & Reserve Champion Cantaloupe	15			
780	1 Watermelon		9	6	3
	Champion & Reserve Watermelon	15			
790	3 Cucumbers		9	6	3
	Champion & Reserve Cucumbers	15			
800	3 Summer Squash		9	6	3
	Grand & Reserve Champion Summer Squash	15			
810	1 Winter Squash		9	6	3
	Grand & Reserve Champion Winter Squash	15			
820	3 Gourds		9	6	3
	Champion & Reserve Gourds	15			
830	1 Pumpkin		9	6	3
	Grand & Reserve Champion Pumpkin	15			
840	3 Miniature Pumpkins				
	Champion & Reserve Miniature Pumpkin	15			
850	1 Quart Jar of Honey		9	6	3
	Champion & Reserve Honey	15			
860	3 Beets		9	6	3
870	5 Carrots		9	6	3
	Champion & Reserve Beets/Carrots	15			
880	1 Pint of Blackberries		9	6	3
	Champion & Reserve Blackberries	15			
890	1 Head of Cabbage		9	6	3
	Champion & Reserve Cabbage	15			
900	3 Ears of Sweet Corn (Husk On)		9	6	3
910	3 Ears of Popcorn (Husk On)		9	6	3
	Champion & Reserve Popcorn/Corn	15			
920	3 Eggplants		9	6	3
930	5 Okra		9	6	3
	Champion & Reserve Eggplants/Okra	15			
940	Bundle of Herbs, 1 1/2 inch in diameter (Fresh or Dried)		9	6	3
	Champion & Reserve Bundle of Herbs	15			
950	3 Onions		9	6	3
	Champion & Reserve Onions	15			
960	3 Potatoes		9	6	3
	Champion & Reserve Potato	15			
970	Plate of Grapes		9	6	3
	Champion & Reserve Grapes	15			
980	Miscellaneous Fruit/Vegetables (must not fit another category. Only 1 miscellaneous entry per exhibitor).		9	6	3
	Champion & Reserve Miscellaneous Fruit/Vegetable	15			
990	Canned Fruit/Vegetable Item		9	6	3
	Champion & Reserve Canned Fruit/Vegetable	15			

EXHIBITING FRUITS AND VEGETABLES: UMC Extension Publication G6230, by UMC Horticulture Specialist Denny Schrock, serves as a reference for judging the Fruit and Vegetable exhibits. This publication can be found at <http://muextension.missouri.edu/xplor/agguides/hort/index.htm> or your local University Extension Center.

FFA Floriculture and Fruits & Vegetables Specials

MFA Incorporated will award an attractive FFA plaque to the chapters having the most points in the FFA Horticulture and FFA Fruit and Vegetables division.

FFA HAM & BACON SHOW

1. FFA members are required to complete all open division entry forms available at www.mostatefair.com, which should accompany the project at check-in and pay the \$1.00 entry fee and \$2.00 processing fee which is required in the Agriculture Building. Checks must be made payable to "Missouri State Fair." Hams and bacons should be checking in and out at the Agriculture Building and will be displayed there. See rules for hams and bacons under the Agriculture Department section.
2. When entering the Open Youth Ham or Bacon Show, exhibitors must designate the ham(s) or bacon(s) as an FFA Ham or Bacon Show entry(s). After judging, a list of FFA hams and bacons with ribbon(s) earned will be forwarded to the FFA office.
3. Hams and bacons will be judged on a point system to determine rank. The official judge(s) will break the rankings into gold, silver, bronze or disqualified.
4. Ribbon point values are Gold - 12 pts., Silver - 8 pts., Bronze - 4 pts., and disqualified - 0 pts.
5. All FFA Ham and Bacon Show participants are encouraged to attend the auction.

For **MISSOURI STATE FAIR SCHOLARSHIP** information, please refer to the Sale of Champions section of this catalog.