

KENTUCKY ASSOCIATION FFA (Students of Agricultural Education)

Board Members in Charge
Commissioner Ryan Quarles and Dean Nancy Cox

Matt Chaliff, Frankfort, Kentucky - Superintendent

Assistant Superintendents
Brandon Davis - Frankfort, KY
Sheldon McKinney - Flemingsburg, KY
Josh Mitcham - Hardinsburg, KY

Amount offered by State Fair in this department:

FFA Exhibits\$19,790.00

SCHEDULE OF EVENTS - 2021

DATE	TIME	EVENT	PLACE
Aug. 17	9:00 a.m. - 6:00 p.m.	Entry of Exhibits	South Wing A
Aug. 18	9:00 a.m. - 2:00 p.m.	Entry of Exhibits	South Wing A
Aug. 19	8:30 a.m.	Meats Registration	Ballroom
	9:30 a.m.	Meats Judging CDE	Ballroom
	10:30 a.m. - 12:30 p.m.	Register Dairy Teams/Dairy Holders	Newmarket Hall
	10:30 a.m. - 4:00 p.m.	Register Livestock Judging Teams	Newmarket Hall
	10:30 a.m. - 12:00 Noon	Agronomy Registration	Ballroom
	12:00 Noon	Agronomy CDE	Ballroom
	12:45 p.m.	Dairy Holders Clinic Instructions	Newmarket Hall
	1:00 p.m.	Dairy Judging CDE Instructions	Newmarket Hall
	1:30 p.m.	Dairy Judging CDE/ Dairy Holders	Broadbent Arena
	4:00 p.m.	Wildlife Management CDE	Ballroom
	4:00 p.m.	Livestock Judging Instructions/CDE	Newmarket Hall
			Broadbent Arena
	4:15 p.m.	Livestock Judging CDE	Broadbent Arena
Aug. 20	8:30 a.m.	Register Judging Teams	At CDE Sites
	9:30 a.m.	Seed Identification	Newmarket Hall
	10:00 a.m.	Floriculture Judging CDE	Ballroom
	10:00 a.m.	Nursery Judging CDE	Ballroom
	10:00 a.m.	Ag. Mechanics Skills	National Guard Armory
	10:00 a.m.	Small Power Equipment	National Guard Armory
	10:00 a.m.	Welding CDE	National Guard Armory
	11:00 a.m.	General Auctioneering CDE	North Wing Performing Arts Stage
	2:30 p.m.	FFA Awards Program	Newmarket Hall
	Aug. 26	6:30 p.m.	Championship Drive

NOTE: See 4-H and FFA Livestock Show Section for dates and times of livestock shows.

NOTE: All CDE Registration will take place at the contest sites.

General Rules

1. Kentucky FFA members who are in good standing and carrying approved agricultural experience programs under the supervision of their teachers of agriculture are eligible to exhibit in this department, provided their exhibits are a part of their planned occupational experience program. All entries must conform to special rules under each class. FFA members making exhibits in tobacco, bees and honey, field seed and grain, or other divisions of the Fair must meet the same eligibility requirements as those exhibiting in the FFA Division.
2. An individual may participate in the same 4-H or FFA CDE provided the contest is not being conducted on the same day or in connection with the same event (i.e.: State Fair or similar event.) **This rule is the policy of 4-H and FFA.**
3. All FFA entries (except livestock) will be registered electronically by the August 5th deadline. Instructions and web address for entries will be provided by the State FFA office. Passwords will be provided for all active FFA chapters to access registration.
4. Entries are to be made in the name of the FFA member who completed the work or project. **A SOCIAL SECURITY NUMBER OR TAX ID NUMBER IS REQUIRED FOR EACH EXHIBITOR. NO CHECKS CAN OR WILL BE MAILED TO THE SCHOOL.**
5. FFA exhibits in the FFA Department (other than livestock) will not be required to pay an entry fee. This is also true for FFA entries in the Tobacco Department.
6. Neither the State Fair nor the FFA Department will be responsible for any loss or damage to the exhibit or injury to the exhibitor or to the spectators; however, the utmost care will be used to prevent loss or injury.
7. FFA exhibits in the South Wing will be accepted Tuesday, August 17 and Wednesday, August 18 and must be in place by 2:00 p.m., August 18. Exhibits will be released after 9:00 p.m. Sunday, August 29 or 9:00 a.m. - 5:00 p.m., Monday, August 30. FFA is not responsible for exhibits left later than 5:00 p.m., Monday, August 30.
8. Teachers of agriculture will be expected to accompany FFA members with exhibits, to assist in penning their livestock and to assist in displaying other exhibits. Teachers should be present when the livestock entries are shown.
9. Trucks and trailers for the removal of FFA exhibits in South Wing will be admitted to the Access Road to South Wing Loading Dock on Sunday, August 29, if they have the special E9 Loading Dock Pass that is distributed when entries are made. **Drivers and occupants must pay regular admission or present exhibitor's tickets.**
10. Any premiums not used in any class (except livestock) may be transferred to any other class (except livestock) where there are more entries than premiums offered, subject to approval of the State Fair Board.
11. The decisions of the judges are final.
12. By decision of the KAAE Executive Committee, results of all CDE's are final and will not be changed after scoring is completed. (Both computer and manual scored contests.)
Errors made by FFA members in filling out Scantron sheets are the responsibility of the FFA member and are not to be changed or corrected by the tabulation committee.
13. **Any use of a communication device during a contest will be grounds for disqualification. Communication devices must be turned off during the contest and will not be used at any time.**
14. Depending on space limitations red and/or white ribbon entries may not be displayed.

NOTE: The Tobacco Department will be accepting FFA Tobacco entries only on Tuesday, August 17 from 9:00 a.m. to 6:00 p.m. Tobacco exhibits must be pre-entered in the online system by August 5th.

**ATTENTION 4-H Agents, FFA Advisors,
Parents, and 4-H and FFA members:**

As in the past, Cloverville and FFA non-livestock entries must be made on the web based system by agents and teachers. For 2020 the complete text of 4-H Cloverville rules and classes will be found at www.kystatefair.org. That information is not included in this premium list. FFA advisors will find the FFA non-livestock section on that site as well. The Tobacco Department file is also available on that site for your convenience in making 4-H and FFA Tobacco entries.

Open show information and the 4-H/FFA Livestock sections are still included in this booklet and are also available online at: www.kystatefair.org.

CORN

1. A corn entry must be a project of the exhibitor’s planned supervised occupational experience program. It may be corn produced in 2020 or in 2021.
2. Entries will be accepted on Tuesday, August 17 from 9:00 a.m. to 6:00 p.m. All corn exhibits must be in place by 2:00 p.m. Wednesday, August 18.
3. FFA corn exhibits will be entered in the FFA Headquarters in the South Wing.
4. Exhibitors are limited to one (1) entry in yellow corn and one (1) entry in white corn.
5. Exhibits will be penalized if oil or polishing materials are used.
6. Judging will be based on the following points.

SCALE OF POINTS

Uniformity of Exhibit	10
Shape of Ears	10
Length of Ears	10
Circumference	10
Tip of Ears	10
Butts of Ears	10
Kernel Uniformity	10
Kernel Shape	10
Yield Potential	20

AMOUNT OFFERED\$448

379 Best 8 Ears White Hybrid (produced 2020)

1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th	11th	12th
\$13	\$12	\$11	\$10	\$9	\$8	\$8	\$7	\$7	\$7	\$6	\$6

380 Best 8 Ears White Hybrid (produced 2021)

1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th	11th	12th
\$13	\$12	\$11	\$10	\$9	\$8	\$8	\$7	\$7	\$7	\$6	\$6

381 Best 8 Ears Yellow Hybrid (produced 2020)

1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th	11th	12th	13th	14th	15th
\$13	\$12	\$11	\$10	\$9	\$8	\$8	\$7	\$7	\$7	\$6	\$6	\$6	\$5	\$5

382 Best 8 Ears Yellow Hybrid (produced 2021)

1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th	11th	12th	13th	14th	15th
\$13	\$12	\$11	\$10	\$9	\$8	\$8	\$7	\$7	\$7	\$6	\$6	\$6	\$5	\$5

AMOUNT OFFERED.....\$60

Best Corn Exhibit from a Chapter*

(There is no need for a chapter to make an entry here. The calculations are made based on individual FFA Member entries from a chapter.)

1st	2nd	3rd	4th
\$18	\$16	\$14	\$12

Will be calculated based on quality of individual exhibits.

*A chapter must have at least two (2) exhibitors to be eligible for an award in this class.

DIVISION 7006**SOYBEANS**

1. A soybean entry must be the product of the exhibitor's planned supervised occupational experience program. Only soybeans produced in 2021 are eligible.
2. FFA soybean exhibit must be in place by 2:00 p.m. Wednesday, August 18. Entries will also be accepted on Tuesday, August 17 from 9:00 a.m. to 6:00 p.m.
3. Exhibitors are limited to one entry in this class.
4. Entries must be entered in the FFA Department, South Wing.
5. A soybean exhibit should consist of 3 plants that have reached the full bloom or pod stage.
6. Exhibits with more or less than 3 plants will be disqualified. Disqualified exhibits will not be displayed.

AMOUNT OFFERED.....\$120

384 Best soybean exhibit, any variety

1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th	11th	12th	13th	14th	15th
\$13	\$12	\$11	\$10	\$9	\$8	\$8	\$7	\$7	\$7	\$6	\$6	\$6	\$5	\$5

AMOUNT OFFERED.....\$40

Best Soybean Exhibit from a Chapter*

(There is no need for a chapter to make an entry here. The calculations are made based on individual FFA Member entries from a chapter.)

1st	2nd	3rd
\$16	\$14	\$10

*A chapter must have at least two (2) exhibitors to be eligible for an award in this class.

DIVISION 7007**WHEAT (Grain)**

1. A wheat entry must be the product of the exhibitor's planned supervised occupational experience program. It may be wheat produced in 2020 or 2021.
2. FFA wheat exhibit must be in place by 2:00 p.m. Wednesday, August 18. Entries will also be accepted on Tuesday, August 17 from 9:00 a.m. to 6:00 p.m.
3. Exhibitors are limited to one entry in this class.
4. Entries must be entered in the FFA Department, South Wing.
5. Proper containers to exhibit wheat (grain) will be furnished by the State Fair.
6. Wheat treated with oil, or materials that alter the natural color will be penalized or excluded from competition.
7. The entry must be 1 gallon by volume.

AMOUNT OFFERED.....\$120

386 Best 1 gallon wheat, any variety

1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th	11th	12th	13th	14th	15th
\$13	\$12	\$11	\$10	\$9	\$8	\$8	\$7	\$7	\$7	\$6	\$6	\$6	\$5	\$5
AMOUNT OFFERED.....\$40														

Best Wheat Exhibit from a Chapter*

(There is no need for a chapter to make an entry here. The calculations are made based on individual FFA Member entries from a chapter.)

1st	2nd	3rd
\$16	\$14	\$10

*A chapter must have at least two (2) exhibitors to be eligible for an award in this class.

DIVISION 7008

HAY

1. All entries must be the product of the exhibitor’s planned supervised occupational experience program.
2. Each exhibit must weigh at least 15 pounds or be 18”-24” in overall length of sample. (No roll bales, loose hay in containers, etc. will be accepted.)
3. All exhibits must be neatly and firmly tied with **two strings or wire**, etc., to be considered in judging.
4. All exhibits must be in place by 2:00 p.m. Wednesday, August 18. Entries will also be accepted Tuesday, August 17 from 9:00 a.m. to 6:00 p.m.
5. Entries should be made at the FFA Headquarters in the South Wing.
6. Exhibitors are limited to one (1) entry per class, and may enter only two (2) classes.
7. Hay entries that do not meet the rule specifications for each class (entries placed in incorrect class) will not be displayed.

AMOUNT OFFERED.....\$480

388 Best Exhibit of Alfalfa Hay (Less than 5% grass)

1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th	11th	12th	13th	14th	15th
\$13	\$12	\$11	\$10	\$9	\$8	\$8	\$7	\$7	\$7	\$6	\$6	\$6	\$5	\$5

389 Best Exhibit of Legume and grass mixed (other than alfalfa)

1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th	11th	12th	13th	14th	15th
\$13	\$12	\$11	\$10	\$9	\$8	\$8	\$7	\$7	\$7	\$6	\$6	\$6	\$5	\$5

390 Best Alfalfa and grass mixed

1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th	11th	12th	13th	14th	15th
\$13	\$12	\$11	\$10	\$9	\$8	\$8	\$7	\$7	\$7	\$6	\$6	\$6	\$5	\$5

391 Best Grass Hay

1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th	11th	12th	13th	14th	15th
\$13	\$12	\$11	\$10	\$9	\$8	\$8	\$7	\$7	\$7	\$6	\$6	\$6	\$5	\$5

AMOUNT OFFERED.....\$60

Best Hay Exhibit from a Chapter*

(There is no need for a chapter to make an entry here. The calculations are made based on individual FFA Member entries from a chapter.)

1st	2nd	3rd	4th
\$18	\$16	\$14	\$12

*A chapter must have at least two (2) exhibitors to be eligible for an award in this class.

**ATTENTION
FFA MEMBERS**

Check Tobacco Dept. for FFA Tobacco classes.

**NOTE: FFA TOBACCO ENTRIES WILL BE ACCEPTED ONLY ON
TUESDAY, AUGUST 17 FROM 9:00 A.M. TO 6:00 P.M.**

**Also, FFA members are invited to exhibit in the Field Seed and Grain
Department's open competition and Bees and Honey Department's
Youth Honey classes. Entries in open classes must be made by July 1
on open class (pink) entry form.**

AGRICULTURAL MECHANICS

1. The Agricultural Mechanics Exhibit shall be a chapter exhibit depicting the agricultural mechanics instructional program in the agricultural education department. The exhibit may include no more than five (5) items that were constructed by students of agriculture as part of the instructional program in agricultural mechanics during the 2020-2021 school year. **The exhibit should include supplementary items, such as posters, pictures, teaching aids, or other items that further describe the program of agricultural mechanics carried on in the department.** The supplementary items should inform the judges and the public about the work that was actually done on the projects by the students. Each chapter will be expected to place its exhibits within the assigned areas. **Advanced entries are required.**
2. All items exhibited are to be a part of the chapter's exhibit. Only one entry per individual will be allowed.
3. Items previously exhibited in this department are not eligible to be exhibited again.
4. Chapter signs, etc. will not be considered as individual student projects.
5. Individual entries will be classified as excellent (blue), good (red), or fair (white).
6. The judges will classify each exhibit into one of the following categories: small, medium, large or large restoration. Classification will be based on both the size and complexity of the project. The large restoration class will be reserved for large items that have been refurbished including but not limited to farm tractors, lawn tractors, and other farm equipment. No automobiles will be allowed.
7. The following points will be considered in judging individual entries:
 - a. Workmanship
 - b. Quality of Construction
 - c. Skill required in Construction
 - d. Relation of Item to Occupational Experience Program
8. The judges reserve the right to place articles within a class into two or more groups and allocate prize money according to color of ribbon, value of item, and skill and time required in construction.
9. The chapter Agricultural Mechanics Exhibit will be judged using the points mentioned in Rule 7 above, the overall attractiveness of exhibit, and the number of instructional areas illustrated by the exhibit. The exhibit should also include supplementary items, such as posters, pictures, and other teaching aids that would further describe the agricultural mechanics program.
10. Individual and/or chapter exhibits **SHOULD NOT INCLUDE** large structures such as buildings, tool sheds, etc. (**utility, equipment trailers, restored tractors and/or wagons are acceptable**). Trailers/wagons over 20 feet in length will not be permitted due to space limitations.

11. Chapters exhibiting Agricultural Mechanics projects are required to email the Executive Secretary a list and description of projects by August 1. Descriptions should include dimensions of projects.
 12. Exhibits that are deemed to pose a safety hazard may be rejected by the superintendent or not placed on display.
 13. All entries will be received Tuesday, August 17 and Wednesday, August 18 and must be in place by 2:00 p.m., Wednesday, August 18. Entries may be removed between 9:00 a.m. and 5:00 p.m., Monday, August 30.
- 392 Individual Agricultural Mechanics Exhibit - Large
 393 Individual Agricultural Mechanics Exhibit - Medium
 394 Individual Agricultural Mechanics Exhibit - Small
 395 Individual Agricultural Mechanics Exhibit - Large Restoration

\$1060 Awarded on the Danish System

The value of ribbons may vary depending on what size class an exhibit is placed in. The size class will be determined by the judges.

396 Chapter Agricultural Mechanics Exhibit*

\$380 to be divided equally among chapters qualifying for chapter exhibits

\$280 awarded on the Danish System

*Chapters having less than 5 individual entries will not be eligible for chapter money.

DIVISION 7010

AGRICULTURAL MECHANICS SKILLS CDE

Friday, August 20 - 10:00 a.m.
National Guard Shop

RULES OF THE CDE

1. **Only one team from each region will be eligible for the state CDE.** The region must conduct a regional CDE to be eligible to send a regional representative to the state CDE. (The region may hold the regional CDE at one of the universities provided an official FFA CDE is conducted and the Regional Teachers Organization is responsible for the regional CDE.)
2. A team representing a chapter may consist of four members. The highest three scores will be the team score. All four (4) individuals will use their contest eligibility.
3. A team will not be allowed to participate with less than three (3) team members.
4. An FFA member may participate in regional and/or the state CDE only once.
5. The theme for 2021 is Integrated Pest Management. Possible activities may include: residue management and spraying equipment.
6. Participants are expected to provide a #2 Pencil, a clean clipboard, safety glasses, and a non-programmable calculator. Any tools and equipment needed to complete the skills activities will be provided at the event site.

7. The judges reserve the right to stop a contestant at any time damage to parts appears imminent or the safety of the contestant is in question.

The event will consist of the following components:

GENERAL KNOWLEDGE EXAMINATION (100 POINTS)

Participants will complete a 50-75 question multiple choice exam. This exam covers but is not limited to the following topics:

- Basic Electricity
- Machine operation and management
- Agriculture mechanics math (field efficiency, board feet, cubic feet, etc.)
- Up to 10 questions related to the theme

References:

- Agricultural Mechanics: Fundamentals and Applications by Elmer L. Cooper
- John Deere Fundamentals of Service Machine Operation

PROBLEM SOLVING (100 POINTS)

Participants will complete two problem solving activities related to the theme.

Problem solving activities may require students to calculate area, volume, field efficiency, or complete other problems related to agricultural mechanics.

Problem solving activities may require students to read a chart or diagram provided.

SKILLS ACTIVITIES (100 POINTS)

Participants will complete two skills activities related to the theme.

Skills activities may involve identification of components or tools related to the theme. If identification is involved, a list of components will be provided at the contest site.

Skills activities may involve using an owner's or service manual to determine information for a piece of equipment.

Scoring

The possible score for each participant is 300 points, with a possible team score of 900 points.

Three team members' scores will count toward the team score.

Teams will be rated blue, red, or white based on the total team score. Ribbon colors will be determined by the event officials.

Individuals will be ranked in numerical order on the basis of the final individual score.

Ties will be broken based on the highest individual score on a team will be used to break the tie.

NOTE: Teams will register and receive instructions between 9:00 - 10:00 a.m. on Friday, August 20 at the CDE site.

DIVISION 7011

HORTICULTURE EXHIBITS

1. FFA members must have ornamental or production horticulture projects as part of their planned supervised occupational experience program to be eligible to enter in the FFA Horticulture Exhibits classes.
2. Exhibits may be entered Tuesday, August 17 from 9:00 a.m. to 6:00 p.m. and must be in place by 2:00 p.m., Wednesday, August 18. Entries may be removed between 9:00 p.m. and 10:00 p.m., Sunday, August 29 and 9:00 a.m. to 5:00 p.m., Monday, August 30.
3. Space will be provided for hanging baskets in the potted flower class. The superintendent will have the right to require unusually large and/or heavy baskets to be set on a display table or floor.
4. All exhibits must be properly labeled to be considered for premiums. Labels are to include name of item, student's name, and chapter. (Labels will be available at Fair. However, chapters are encouraged to have labels prepared when they arrive at the Fair.)

Potted Flowers/Plants:

1. Exhibits shall consist of one or more plants of the same species in a pot.
2. FFA members may exhibit only one potted plant in each of the listed classes for potted plants. Also, the student is limited to a maximum of five (5) total entries in the potted flowers/plant division.
3. Plants must be labeled - include name of plant, student's name, and chapter name.
4. Potted plants must be grown by the student exhibiting the plant.
5. The plants and pots should be clean and well tended before they are exhibited.
6. A pot that contains two or more species of plants must be entered in sub class 398 J "Any Other Plants".

Classes - An exhibitor may enter five (5) total entries but only one plant in each sub class.

Class No.	Class	No.	
399A.	Blooming House Plants	399F.	Schefflera
399B.	Cacti/Succulents	399G.	Low light foliage plants
399C.	Ferns	399H.	Hanging Baskets other than ferns
399D.	Ficus	399I.	High light foliage plants
399E.	Blooming Annuals	399J.	Any Other Plants

\$1,410 awarded on the Danish System

Floral Design - The design must be in a single container. **The design must be the work of the exhibitor.** Each exhibitor is allowed one entry per class. (Maximum of five (5) floral design entries.) Purchased floral designs will be disqualified.

Cut flowers must be watered prior to arriving at the State Fair.

Cut flowers will be discarded during the Fair when they become wilted. Containers will be available for pickup during the checkout of entries on August 30 and 31. Containers must be labeled with student's name and chapter.

Class No.

- 400A. Artificial Flower Arrangement Class
- 400B. Dried Flower Arrangement Class
- 400C. Live Flower Arrangement Class
- 400D. Terrarium
- 400E. Dish Gardens

\$1,100 awarded on the Danish System

1st	2nd	3rd	4th	5th	6th
\$30	\$20	\$18	\$15	\$14	\$13

401 Chapter Horticulture Class - \$60

**REGIONAL AND STAR STATE FARMER
AGRIBUSINESSMAN and STAR IN PLACEMENT**

1. The State Star Farmer, State Star in Agribusiness, and State Star in Placement will prepare exhibits featuring their SAE program, FFA involvement, and school and community involvement.
 2. The top four Regional Star Farmers, Stars in Agribusiness, and Stars in Placement (as announced at State FFA Convention) will prepare exhibits featuring their SAE program, FFA involvement, and school and community involvement.
 3. State and regional stars will be sent a layout of the exhibit.
 4. Each exhibit must include: (A) A photo of the Star in Official Dress (An 11" x 14" picture is suggested for the State Star or an 8" x 10" picture is suggested for the Regional Stars); (B) present agricultural experience program; (C) past agricultural experience programs by year; (D) list of leadership activities; (E) FFA activities; (F) school and community activities; and (G) pictures, ribbons, or trophies. **Lettering is to be of a professional quality.**
 5. The State Star Farmer and State Star Agribusinessman Exhibits will have \$175 to be used in their construction.
 6. Premium money for Regional Stars will be awarded on the Danish System. Regional Star exhibits will be evaluated on the following criteria:
 - i. Exhibit meets requirements outlined in rule 4 above.
 - ii. Exhibit is professional in appearance
 - iii. Exhibit highlights SAE learning.
 - iv. Exhibit highlights FFA experience.
 7. Exhibits will be accepted Tuesday, August 17 from 9:00 a.m. to 6:00 p.m. and must be in place before 2:00 p.m., August 18, in the FFA area of South Wing A. Exhibits may be removed between 9:00 p.m. and 10:00 p.m., Sunday, August 29 and 9:00 a.m. and 5:00 p.m., Monday, August 30.
 8. These exhibits are constructed of a "Velcro" backed material. Photos, charts, etc. can be displayed using "Velcro tape" which will be supplied. No nailing, stapling, drilling of holes, etc. will be permitted.
 9. It is strongly suggested that NO portable or laptop computers be used, because of security issues. If a full size computer and monitor is used, it is suggested a lock/cable system be used to secure the machine to the table legs of the display.
 10. Checks will be mailed to individual students - not the chapter.
- 402 Regional Star Farmer Exhibits - \$560 on Danish
403 State Star Farmer - \$175
404 Regional Star Agribusinessman Exhibits - \$560 on Danish
405 State Star Agribusinessman - \$175
406 Regional Star in Placement Exhibits - \$560 on Danish
407 State Star in Placement - \$175

DIVISION 7013

AGRISCIENCE FAIR DISPLAYS

1. Ten winning projects from the Kentucky FFA Agriscience Fair will have the opportunity to participate. Projects will be identified during the State Convention.
2. Participants will be expected to provide their own table top display boards. Tables will be provided.
3. Displays must include a display board and other materials related to the Agriscience Fair project. Participants should remember that the purpose is to educate the general public about Agriculture and Agriscience.
4. Displays must conform to all National FFA Agriscience Fair rules in regard to size, format, use of hazardous materials, etc.
5. Neither Kentucky FFA nor the Kentucky State Fair can be responsible for the security of valuable items such as microscopes and other scientific equipment.
6. Displays must be set up on Tuesday, August 17 from 9:00 a.m. to 6:00 p.m. or on Wednesday, August 18 from 9:00 a.m. to 2:00 p.m. in the FFA area of the South Wing. Displays must be removed between 9:00 p.m. to 10:00 p.m., Sunday, August 29 and 9:00 a.m. to 5:00 p.m. on Monday, August 30. Neither Kentucky FFA nor the Kentucky State Fair is responsible for exhibits left after 5:00 p.m. on August 30.
7. Premiums may be withheld for incomplete or sub-standard displays at the discretion of the superintendent.

AMOUNT OFFERED \$1,800

408 Agriscience Fair Display

DIVISION 7014

STATE FFA CAREER DEVELOPMENT EVENTS

The State FFA Career Development Events for FFA members will be held on Thursday, August 19 and Friday, August 20. See schedule on Page 1 for registration and event times.

CDE winners will be announced during the awards program at 2:30 p.m., August 20 in Newmarket Hall. **Winners are encouraged to be present to receive their awards.** The judging CDE's will be divided into the following areas, each a separate CDE:

- A. Livestock Evaluation (includes Junior Livestock Evaluation)
- B. Dairy Cattle Evaluation (includes Junior Dairy Evaluation)
- C. Meats Evaluation
- D. Floriculture
- E. Nursery
- F. Seed Identification

SUPERINTENDENT

A superintendent will be in charge of each CDE. He/she shall appoint such assistants as may be necessary for carrying out the CDE. He/she shall have charge of all scores given him/her by the official judges and shall turn them over to the tabulating committee for recording.

JUDGING CDE ELIGIBILITY

1. Participation is limited to FFA members in good standing who are regularly enrolled in all-day classes of agricultural education in the high schools of Kentucky. FFA members graduating in the spring of 2021 are eligible.
2. Four FFA members may judge on a team in the dairy, livestock, meats, floriculture, and nursery judging CDE's. The three (3) highest scoring members will constitute the team score. All members will use their CDE eligibility.
3. A school may enter only one team in a CDE.
4. A school may enter any of the five (5) judging team CDE's, consisting of dairy, livestock, meats, floriculture, or nursery, provided the team members are studying or have completed course work in the CDE area.
5. No FFA member shall be eligible to participate in a judging CDE who has participated in that respective state or national FFA judging CDE in past years.
6. A student can not compete in CDE's/judging CDE's that are being held at the same or overlapping times.
7. Departments of agricultural education established after July 1, 2021, are not eligible to enter teams.
8. **Any use of a communication device during a contest will be grounds for disqualification. Communication devices must be turned off during the contest and will not be used at any time.**

RULES OF CONDUCTING THE CDE'S

1. Meats Evaluation contestants shall report for the judging CDE at the Ballroom on Thursday, August 19, at 9:30 a.m.
2. The Dairy Cattle Evaluation contestants shall report on Thursday, August 19 at 1:00 p.m. Junior Dairy Judging contestants shall report Thursday, August 19 at 1:00 p.m.
3. The General Livestock Judging contestants shall report for the judging CDE's on Thursday, August 19 at 4:00 p.m. Junior Livestock judging contestants shall report on Thursday, August 19 at 4:00 p.m.
4. Floriculture Judging teams should report to the Ballroom at State Fair Grounds on Friday, August 20, at 9:45 a.m.

5. Nursery Judging teams should report to the Ballroom at State Fair Grounds, on Friday, August 20, at 9:45 a.m.
6. The judging committee shall consist of one judge for each division of the CDE. He/she may have an assistant if necessary.
7. Each contestant will be given a number for the CDE. He/she will be designated by this number throughout the CDE.
8. The contestants will be divided into groups and shall be under the leadership of a group leader.
9. After judging has been completed and contestants' cards have been turned over to the tabulation committee, the official judges will explain their placings on the groups with whom they have worked.
10. In the selection of the winners of the various CDE's, the decision of the tabulating committee shall be final.
11. **Failure of teachers of agriculture who have been assigned duties or responsibilities during the CDE's to report to the superintendent or person in charge will be just cause to have their teams eliminated from competition.**
12. By decision of the KAAE Executive Committee, results of all CDE's are final and will not be changed after scoring is completed. Also, errors made by FFA members in filling out Scantron sheets are the responsibility of the FFA members and are not to be changed or corrected by the tabulation committee.

**DAIRY CATTLE EVALUATION CDE
(Broadbent Arena)**

Amount Offered.....\$775

August 19 - 1:00 p.m.

1. Participants are expected to furnish a #2 pencil and clipboard.

The CDE will consist of the following components:

GENERAL KNOWLEDGE EXAMINATION (100 POINTS)

Participants will take a 50 question, multiple choice exam. The exam will cover various aspects of dairy science. Resources for the exam will be posted at www.kyffa.org

PLACING (300 POINTS)

Participants will place six (6) classes of cattle with four animals per class based on type.

When possible, four breeds of dairy cattle will be used: Guernsey, Holstein, Jersey, and Brown Swiss. A class of Ayrshire cattle may be used if available.

Four of the classes placed will be heifers while two of the classes placed will be cows.

Ten minutes will be allowed for evaluation of the non-reasons classes.

Twelve minutes will be allowed for evaluation of the reasons classes.

Contestants will be able to view the cattle from all angles but will not be able to place their hands on the animals.

REASONS (100 POINTS)

Participants will be provided two copies of a reasons note card at registration to be used at their discretion.

Participants will prepare and deliver oral reasons on the two cow classes.

Ten points will be deducted if students use notes while giving reasons.

Twenty minutes will be provided to prepare each set of reasons.

A guide to preparing oral reasons for dairy cattle is posted at www.kyffa.org

Scoring

Possible score for each participant is 500 points, with a possible team score of 1,500 points.

The top three team members' scores will count toward the team score.

Teams will be ranked in numerical order on the basis of the final team score.

Individuals will be ranked in numerical order on the basis of the final individual score.

Ties will be broken based on the total reasons score for the team.

NOTE: Teams will register and receive instructions in Newmarket Hall.

JUNIOR DAIRY JUDGING CONTEST

Amount Offered.....\$145

1. This contest is open to dues paying FFA members who are enrolled in the 10th grade at the time they compete.
2. Participants are expected to furnish a #2 pencil and a clipboard.
3. Junior Dairy Judging will take place during the Dairy Judging CDE.
4. Awards will be given to the top five teams and the overall high individual.

The CDE will consist of the following components:

PLACING CLASSES (300 POINTS)

Participants will place six (6) classes of cattle with four animals per class based on type.

When possible, four breeds of dairy cattle will be used: Guernsey, Holstein,

Jersey, and Brown Swiss. A class of Ayrshire cattle may be used if available.

Four of the classes placed will be heifers while two of the classes placed will be cows.

Ten minutes will be allowed for evaluation of the heifer classes. Twelve minutes will be allowed for evaluation of the cow classes.

Contestants will be able to view the cattle from all angles but will not be able to place their hands on the animals.

All answers for this component will be placed on the Scantron form provided to each participant. An example is provided.

Scoring

Possible score for each participant is 300 points, with a possible team score of 900 points.

The top three team members' scores will count toward the team score.

Teams will be ranked in numerical on the basis of the final team score.

Individuals will be ranked in numerical order on the basis of the final individual score.

The high scoring individual on a team will be used to break team ties.

FFA DAIRY HOLDERS CDE (Broadbent Arena)

Dr. Rodney Tulloch - In Charge

1. Twenty four dairy cattle holders will be needed for the State Fair Dairy Judging CDE. FFA members should register on site for the CDE at 10:30 a.m.-12:30 p.m. August 19.
2. The following factors will be considered in scoring dairy holders:
 - a. Appearance of Holders
 - b. Control of Animals by Holders
 - c. Poise and Calmness of Holders
 - d. Skill in Showing, including:
 - (1). Continuous attention while showing
 - (2). Keeping animal placed to an advantage
 - (3). Ability to stand animal
 - (4). Ability to move animal
3. The top 12 showpersons will be awarded individual FFA plaques.
4. The top 3 showpersons will be identified and the winner will have the opportunity to represent Kentucky in the National Dairy Holders CDE.

In an effort to improve the Dairy Holders CDE at the Kentucky State Fair, the following process will be followed:

1. Hold an instructional clinic for all contestants prior to the Dairy Judging CDE. (12:45 - August 19)
2. **We are asking agriculture teachers to more closely scrutinize the ability of the FFA member to properly control and present the dairy cow before entering them in the contest.**
3. The same FFA member will hold the same animal for both judging groups.
4. The first twenty-four members to sign up will compete. Chapters are limited to (2) FFA members per chapter unless total registration is less than 24 individuals.
5. No students who are showing dairy animals during the Fair may participate in the Dairy Holders Contest.

NOTE: Dairy Holders will register and receive instructions in Newmarket Hall.

GENERAL LIVESTOCK JUDGING CDE (Broadbent Arena)

Amount Offered\$775

August 19 - 4:00 p.m.

1. In order to participate in the Livestock Evaluation CDE, a school must have previously participated in a judging contest at a university field day or Kentucky Department of Agriculture (KDA) Livestock Expo.
2. Participants are expected to provide a #2 pencil and a clipboard.

The CDE will consist of the following components:

PLACING CLASSES (350 POINTS)

Participants will place seven (7) classes of livestock with four animals per class based on type. The classes will be: Breeding Cattle, Slaughter Cattle, Breeding Swine, Market Swine, Breeding Sheep, Market Sheep, and Market Goats. One class of cattle will be judged as a performance class. Performance dates will be given.

Twelve minutes will be allowed for evaluation of the classes.

FEEDER CATTLE GRADING (50 POINTS)

Participants will grade one class of five breeder cattle for frame size and muscle thickness using the Official USDA Feeder Cattle Grades.

REASONS (50 POINTS)

Participants will be provided one copy of a reasons note card to be used at their discretion.

Participants will give oral reasons in one class of cattle as designated by the event official. Oral reasons are limited to no more than 2 minutes per student.

Participants will have one rotation (12 minutes) to prepare their reasons.

GENERAL KNOWLEDGE EXAMINATION (50 POINTS)

Participants will complete a 50 question, multiple choice exam.

The exam will take the form of a Skillathon with questions posted on a screen.

Resources and a sample Skillathon exam will be posted at www.kyffa.org

All answers for this component will be placed on the Scantron form provided to each participant. An example is provided.

Scoring

Possible score for each participant is 500 points, with a possible team score of 1,500 points.

The top three team members' scores will count toward the team score.

Teams will be ranked in numerical order on the basis of the final team score.

Individuals will be ranked in numerical order on the basis of the final individual score.

The high scoring individual on a team will be used to break team ties.

NOTE: Teams will register and receive instructions in Newmarket Hall.

JUNIOR LIVESTOCK EVALUATION CDE

Amount Offered\$145

1. This contest is open to dues paying FFA members who are enrolled in the 10th grade at the time they compete.
2. A team may consist of three or four members. The top three scores from each school will count toward the team score.
3. Junior Livestock Judging will take place during the Livestock Judging CDE.

The CDE will consist of the following components:

PLACING CLASSES (350 POINTS)

Participants will place seven (7) classes of livestock with four animals per class based on type. The classes will be: Breeding Cattle, Slaughter Cattle, Breeding Swine, Market Swine, Breeding Sheep, Market Sheep, and Market Goats.

Twelve minutes will be allowed for evaluation of the classes.

**MEATS EVALUATION CDE
(Ballroom - Freedom Hall)**

Amount Offered.....\$675

August 19 - 9:30 a.m.

1. Participants are expected to provide a #2 pencil, clipboard, and non-programmable calculator.
2. No food, drink or tobacco products allowed within CDE site.

This event will consist of the following components:

PLACING CLASSES (200 POINTS)

Participants will place four (4) classes of beef or pork cuts.

Ten minutes will be allowed for the placing of classes 1 & 2 and ten minutes will be allowed for the placing of classes 3 & 4.

RETAIL CUT IDENTIFICATION (150 POINTS)

Three classes of ten (10) retail cuts of beef, pork, and lamb will be identified.

Ten minutes will be provided for each class.

Participants will identify the species, wholesale cut, and retail cut using the provided identification card.

All cuts will come from the current Kentucky FFA Meats Identification List which is posted at www.kyffa.org

GRADING CLASSES (100 POINTS)

One class of five beef rib steaks will be graded on yield.

One class of five beef rib steaks will be graded on quality.

The same cuts may be used for both classes.

The rib steaks may be provided as photographs or actual cuts of meat.

The maturity, carcass weight, and kidney fat will be provided.

Ten minutes will be allowed for the completion of yield and quality grading.

Yield grade will be worth 50 points each and quality grade will be worth 50 points. Ten points are allowed for the correct grading of each cut. A deduction of one point will be made for one-third (1/3) grade above or below the official grade; three points will be deducted for two-thirds (2/3) grade above or below the official grade; six points will be deducted for one full grade above or below the official grade. The score will be zero (0) for a grade more than one full grade above or below the official grade.

Scoring

Possible score for each participant is 450 points, with a possible team score of 1350 points.

The top three team members' scores will count toward the team score.

Teams will be ranked in numerical order on the basis of the final team score.

Individuals will be ranked in numerical order on the basis of the final individual score.

The high scoring individual on a team will be used to break team ties.

**NOTE: Teams will register from 8:30 - 9:30 a.m.
August 19 at the CDE site.**

**FLORICULTURE JUDGING CDE
(Ballroom - Freedom Hall)**

Amount Offered\$675

**Floriculture Judging CDE
will be held prior to the State Fair - please
e-mail matt.chaliff@education.ky.gov for
more information.**

1. Participants are expected to provide a clip board, #2 pencil, and a non-graphing calculator. All other tools, supplies, equipment and materials needed will be furnished at the event site.
2. Contestants will not be allowed to touch or handle plant material in the CDE. Any infraction of this policy will be sufficient cause to eliminate the team from the CDE and nullify their awards.

The CDE will consist of the components below. 25 minutes will be provided for each component.

IDENTIFICATION OF PLANT MATERIALS (250 POINTS)

Twenty-five specimens will be displayed for participants to identify by technical and common names. Ten points will be given for each specimen that is correctly identified.

PROBLEM SOLVING (100 POINTS)

This component will include solving 5 to 10 problems related to the various aspects of the floriculture industry, which includes greenhouse production through floral design and floral shop management. All materials and information necessary to solve the problems will be provided. Participants wishing to use a calculator for this section must provide their own calculator that meets the requirements for Kentucky FFA competitive events.

Problem solving questions used in a previous state contest are posted on www.kyffa.org.

GENERAL KNOWLEDGE EXAMINATION (175 POINTS)

This component consist of twenty-five (25) multiple-choice questions that will test the participant's knowledge and understanding of the basic principles relating to the areas of floriculture listed below.

Each question has a value of seven (7) points.

- Plant materials
- Planting or Growing Media
- Diagnosis of Plant Disorders
- Materials (Growth Regulators, Fertilizers, etc.)
- Propagation
- Safety
- Cultural Instructions
- Sales and Marketing

General Knowledge Examination questions used in a previous state contest are posted on www.kyffa.org.

PRACTICUM (125 POINTS)

Each participant will construct a floral arrangement for the practicum. An example of the arrangement will be displayed for participants to reference. Participants will be allowed 20 minutes to complete their arrangement, with the remaining time used to clean up the work area.

The possible arrangements to be used for this practicum are:

- Round Arrangement
- Symmetrical Arrangement
- Asymmetrical Arrangement
- Horizontal Arrangement
- Shoulder Corsage and Boutonniere together

The rubric used to score the practicum is posted on www.kyffa.org.

All materials required to complete the practicum will be provided at the event site.

Scoring

Possible score for each participant is 650 points, with a possible team score of 1,950 points.

The top three individual scores on a team will count as the team score.

Teams will be ranked in numerical order on the basis of the final team score.

Individuals will be ranked in numerical order on the basis of the final individual score.

The high scoring individual on a team will be used to break team ties. If the high individual on tied teams should be tied, the second high scorer will be used to break the ties.

Individual ties will be broken by the score of each component, in the following order:

- General Knowledge Examination
- Practicum
- Problem Solving
- Identification of Plant Materials

**NURSERY JUDGING CDE
(Ballroom - Freedom Hall)**

Amount Offered.....\$675

August 20 - 10:00 a.m.

1. Participants are expected to provide a clip board, #2 pencil, and a non-graphing calculator. All other tools, supplies, equipment and materials needed will be furnished at the event sit.
2. Contestants will not be allowed to touch or handle plant material in the CDE. Any infraction of this policy will be sufficient cause to eliminate the team from the CDE and nullify their awards.

The CDE will consist of the following components:

IDENTIFICATION OF PLANT MATERIAL (250 POINTS)

Twenty-five specimens will be displayed for participants to identify by technical and common names. Ten points will be given for each specimen that is correctly identified.

The list of possible plant materials is posted on www.kyffa.org.

PLANT DISORDERS AND/OR PROBLEM SOLVING (150 POINTS)

Participants will solve 20 problems related to plant production and/or disorders.

GENERAL KNOWLEDGE EXAMINATION (175 POINTS)

Twenty-five (25) multiple-choice questions will be selected from the areas listed below. This component will test the participant's knowledge and understanding of the basic principles relating to the following areas of nursery production. (For example, questions for the plant materials area may deal with such features as anatomy of flower or leaf, physiology of specific types of plants important to the horticulture industry, etc.) Each answer has a value of seven (7) points.

- Plant materials
- Planting or Growing Media
- Diagnosis of Plant Disorders
- Materials (Growth Regulators, Fertilizers, etc.)
- Propagation
- Safety

- Salesmanship
- Landscape Design
- Cultural Instructions

General Knowledge Examination Questions used in a previous state contest are posted on www.kyffa.org.

PRACTICUM (125 POINTS)

The student will be furnished a landscape drawing and necessary material to answer five to ten objective questions about the landscape drawing: such as, determining the cost of fencing or nursery stock or number of yards of sod required.

The Practicum from a previous state contest is posted on www.kyffa.org.

Scoring

Possible score for each participant is 700 points, with a possible team score of 2,100 points.

The top three individual scores on a team will count as the team score.

Teams will be ranked in numerical order on the basis of the final team score.

Individuals will be ranked in numerical order on the basis of the final individual score.

The high scoring individual on a team will be used to break team ties. If the high individual on tied teams should be tied, the second high scorer will be used to break the ties.

Individual ties will be broken by the general knowledge examination score.

409 Livestock Evaluation

1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th
\$300	\$150	\$65	\$45	\$40	\$30	\$25	\$20	\$20	\$20

410 Dairy Cattle Evaluation

1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th
\$300	\$150	\$65	\$45	\$40	\$30	\$25	\$20	\$20	\$20

411 Meats Evaluation

1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th
\$300	\$150	\$65	\$45	\$40	\$30	\$25	\$20	\$20	\$20

412 Floriculture CDE

1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th
\$300	\$150	\$65	\$45	\$40	\$30	\$25	\$20	\$20	\$20

413 Nursery CDE

1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th
\$300	\$150	\$65	\$45	\$40	\$30	\$25	\$20	\$20	\$20

414 Junior Livestock Evaluation

1st	2nd	3rd	4th	5th
\$50	\$35	\$30	\$20	\$10

415 Junior Dairy Cattle Evaluation

1st	2nd	3rd	4th	5th
\$50	\$35	\$30	\$20	\$10

Trophies will be awarded to the chapter winner and high individuals.

DIVISION 7015

**AGRONOMY CDE
(Ballroom-Freedom Hall)**

August 19 - 12:00 Noon

Amount Offered.....\$715

RULES

1. A team may consist of four members. All four scores will count.
2. Contestants may not handle any of the ID materials used in the contest.
3. Participants are expected to provide a #2 pencil, clipboard, and non-graphing calculator. A magnifying glass may be used in the insect identification component.

This CDE will consist of the following components:

CROP AND WEED IDENTIFICATION (150 POINTS)

Participants will identify 30 specimens in live form by plant or seed. The specimens will all be items that are grown in Kentucky.

The list of possible crops and weeds is posted on www.kyffa.org.

INSECT IDENTIFICATION AND FERTILIZER PROBLEM (150 POINTS)

Participants will identify 10 insect specimens. For each insect, the participant must identify:

- The insect (4 points)
- Economic Impact - for the stage of the specimen provided (2 points)
- Life Cycle (2 points)
- Mouth Part (2 points)

The list of possible insects to be identified is posted on www.kyffa.org

For the fertilizer problem, participants will use a provided soil test and fertilizer costs to compete a series of fill in the blank questions. An example of a fertilizer problem and corresponding key are available on www.kyffa.org.

IDENTIFICATION OF AGRONOMIC DISORDERS, MACHINERY, OR CROP GRADING (100 POINTS)

This component will consist of either identification of agronomic disorders, machinery identification, or crop grading. The announcement of the focus of this component will be made via email to all teachers by July 15th.

- Agronomic Disorders - Participants will be presented with 10 disorders. Participants will determine the agent causing the disorder (5 points) and what part(s) of the plant that is damaged when this disorder is present (5 points)
- Machinery Identification - Participants will identify 25 different pieces of machinery, each worth 4 points.
- Crop Grading - Participants will rank a set of four crops provided and will submit a set of written reasons defending their placement.

Each item to be identified will be in the form of actual item, modeled scale version, or visual picture.

The lists of possible agronomic disorders and machinery to be identified in this component are posted on www.kyffa.org.

GENERAL KNOWLEDGE EXAMINATION (100 POINTS)

Participants will complete an examination consisting of 50 multiple choice questions, worth 2 points each. The references used to prepare the examination are posted on www.kyffa.org.

Scoring

Possible score for each participant is 500 points, with a possible team score of 2,000 points.

All four team members' scores will count toward the team score.

Teams will be ranked in numerical order on the basis of the final team score.

Individuals will be ranked in numerical order on the basis of the final individual score.

The high scoring individual on a team will be used to break team ties. If the high individual on tied teams should be tied, the second high scorer will be used to break the ties.

Individual ties will be broken by the general knowledge examination score.

Note: Teams will register and receive instructions outside the Freedom Hall Ballroom.

416 Agronomy

1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th
\$300	\$150	\$65	\$45	\$40	\$30	\$25	\$20	\$20	\$20

DIVISION 7016

FFA GENERAL AUCTIONEERING CDE (North Wing Performing Arts Stage)

August 20 - 11:00 a.m.

Amount Offered\$250

This CDE will be held Friday, August 20 at 11:00 a.m.

1. Only FFA members in good standing are eligible to participate in this CDE.
2. **All contestants are required to be in official FFA dress for this CDE.**
3. FFA General Auctioneering contestants must be amateurs. Professional or professionally trained auctioneers are not eligible.
4. Contestants must register at CDE site in North Wing Performing Arts Stage between 10:00 - 10:30 a.m., Friday, August 20.
5. Contestants will participate in this CDE in the order in which their names appear on the registration sheet.
6. Each contestant will auction four or five small farm items which will be supplied by Kentucky FFA. The list of possible items is posted at www.kyffa.org. There will be an official starter and bidders. Contestants may be requested to perform as many times as necessary for the judges to make their decisions.
7. The winner will be ineligible to compete in this CDE in the future.
8. Each chapter may have up to 3 students in the auctioneering contest.
9. All participants will be scored using the Auctioneering rubric. Participants will be designated as blue, red, or white using the Danish system. The judges will confer to choose 1st-5th place contestants.

417 General Auctioneering

1st	2nd	3rd	4th	5th
\$35	\$30	\$25	\$20	\$15

Remaining \$125 to be divided equally among other contestants.

DIVISION 7017

**FFA SEED IDENTIFICATION CDE
(Newmarket Hall)**

Friday, August 20 - 9:30 a.m.

ELIGIBILITY

1. This event is limited to one member per chapter who is enrolled in the 10th grade at the time they compete.

This event will consist of two components as outlined below.

SEED IDENTIFICATION (200 POINTS)

Participants will identify 40 different seeds.

The list of possible seeds is posted on www.kyffa.org.

SEED TAG CLASSES (200 POINTS)

Participants will judge four classes of seed tags. For each class they will place four seed tags based on the information located on the tags. The four classes of seed tags will be:

- Red Clover
- Kentucky 31 Fescue
- Wheat
- Orchard Grass

Scoring

Possible score for each participant is 400 points.

Individuals will be ranked in numerical order on the basis of the final individual score.

In case of a tie between the top participants, the tie will be broken based on identification score. If a tie still exists, additional classes of seeds will be provided for identification in order to break the tie and select a winner. A notice about if there is a tie will be posted at FFA Headquarters.

AWARDS

1st - Ribbon, \$30 and Trophy	6th - Ribbon and \$12
2nd - Ribbon and \$25	7th - Ribbon and \$10
3rd - Ribbon and \$20	8th - Ribbon and \$10
4th - Ribbon and \$15	9th - Ribbon and \$8
5th - Ribbon and \$12	10th - Ribbon and \$8
	11th - 15th - Ribbon and \$6

418 Seed Identification - Premiums provided by Ky FFA Foundation.

DIVISION 7018

FFA WELDING CDE (National Guard Armory)

Amount Offered.....\$450

Friday, August 20 - 10:00 a.m.

STATE WELDING CDE RULES

1. A team of four contestants from a chapter will be eligible for the CDE. The three (3) highest scores will constitute the team score.
2. A team of four FFA members from each region will be eligible for the state CDE. Each region will select their team, along with an alternate.
3. Participants cannot participate in the Agricultural Mechanics CDE or Small Power Equipment CDE in the same year they participate in the Welding CDE.
4. Participants are expected to provide safety glasses, proper welding attire (including helmet, gloves, jacket, clothing free of frays), hand wire brush, and a chipping hammer.
5. The following items will be provided for each participant at the contest site:
 - 4 pieces of 3/16" x 2' x 6" mild carbon steel for each participant
 - 4 each 1/8" Lincoln Electric 6011 Fleetweld 180 rods for each participant

Scoring will be based on the following components

TECHNIQUE (30 POINTS)

Participant's technique will be scored on:

- Dress, safety habits, and welding position (10 points)
- Striking arc, arc length, angle of electrode, and speed of electrode travel (10 points)
- Work Setup (10 points)

All event participants must wear safety glasses (for eye protection) underneath their welding helmets during all regional and state welding events.

One piece of metal and 1 rod will be used to set desired temperature for welder.

The remaining metal and rods will be used to complete the following welds within 15 minutes:

- Flat bead weld
- Vertical Up Butt weld
- Vertical Up Fillet weld

An image of the layout of the three completed welds is posted on www.kyffa.org.

Fillet Welds should be stringer beads with leg size of weld being equal to the thickness of the parts welded. For state event this would be 3/16" leg size. Butt and Flat Welds should also be stringer beads; width range from 2 to 2.5 times the diameter of the rod. For state this would be ¼" to 5/16" wide.

Length of welds for the Fillet and Butt should be 3.5" plus or minus ½". And the flat weld must run the entire length of the plate.

FINISHED PRODUCT (70 POINTS)

Each participant will be allowed 15 minutes to clean his/her welds.

Cleaning tools for cleaning the welds will be limited to a hand wire brush and chipping hammer.

After cleaning their welds, the participant will submit their work for scoring. The Finished Product point breakdown for each weld is:

- Flat bead weld (20 points)
- Vertical Up Butt weld (25 points)
- Vertical Up Fillet Weld (25 points)

Welds should be free from the following 9 weld deformities:

- Cracks
- Undercutting
- Splatter
- Porosity
- Inclusion
- Incomplete Joint Penetration
- Incomplete Fusion
- Arc Strikes
- Unacceptable Weld Profiles

Scoring

Three qualified persons, provided by Lincoln Electric Company, will judge the state event.

Judging will be done on the Danish system - blue, red, and white.

Possible score for each participant is 100 points, with a possible team score of 300 points.

The top three individual scores on a team will count as the team score.

Teams will be ranked in numerical order on the basis of the final team score.

Individuals will be ranked in numerical order on the basis of the final individual score.

The welding scorecard is posted on www.kyffa.org.

The high scoring individual on a team will be used to break team ties. If the high individual on tied teams should be tied, the second high scorer will be used to break the ties.

Individual ties will be broken by finished product score.

419 Welding CDE - \$150 first place. The remaining \$300 will be divided on Danish system among other teams.

NOTE: Teams will register and receive instructions at the CDE site between 8:30-9:30 a.m. on Friday, August 20.

DIVISION 7019

FFA SMALL POWER EQUIPMENT CDE (National Guard Shop)

Amount Offered\$450

Friday, August 20 - 10:00 a.m.

- 1. Each region may send one team. A team may consist of four members. The highest three scores will be the team score. All four members will use their CDE eligibility.**
2. An FFA member may participate in a regional and/or the state CDE only once.
3. Judging will be done on the Danish system by chapter - blue, red, and white.
4. Any communication between contestants or use of a communication device during the CDE will be sufficient cause to eliminate the teams involved from the CDE.
5. In case of a tie, the highest individual score on a team will be used to break the tie (for all placings).
6. The judges reserve the right to stop a CDE at any time damage to parts appears imminent or the safety of the contestant is questioned.

7. A student cannot participate in the Small Power Equipment CDE and the Agricultural Mechanics Skills CDE in the same school year.

The CDE will consist of the following components:

Parts and Tool ID - 100 points

Written Exam - 100 points

Problem Solving - 100 points (trouble shooting, paper applications of timing, use of tools and instruments, math problems, etc.)

Skills - 100 points (hands on activities involving troubleshooting, assembly and disassembly procedures.)

Twenty minutes will be allowed for each component. More time may be allowed depending on the difficulty of the skills activities.

420 Small Power Equipment CDE - \$150 first place. The remaining \$300 will be divided on Danish system among other teams.

NOTE: Teams will register and receive instructions at the CDE site between 8:30-9:30 a.m. on Friday, August 20.

DIVISION 7020

CHAPTER DISPLAYS

Amount Offered.....\$1000

1. Three to five chapters will be invited to participate in a display highlighting the FFA mission of Growing Leaders, Building Communities, and Strengthening Agriculture. The Kentucky FFA Chapter Contest Applications will be used as a component of selecting these displays.
2. Details on the construction of exhibits will be shared with selected teachers by July 15 of each year.
3. Displays will be expected to thoroughly communicate chapter activities related to the FFA Vision. Displays must include photos, short descriptions, and models or other props that represent the work conducted by the chapter.
4. All exhibits must be in place by 2:00 p.m. Wednesday, August 18. Entries will also be accepted Tuesday, August 17 from 9:00 a.m. to 6:00 p.m.
5. Exhibits will be judged on Danish system - blue, red, and white - with premiums distributed accordingly.

421 Chapter Displays

WILDLIFE MANAGEMENT CDE

Amount Offered.....\$715

- Event will be held Thursday, August 19, 2021) in the Freedom Hall Ballroom at approximately 3:30 p.m.

Guidelines

Participants are expected to provide a clipboard, two sharpened number 2 pencils, and a non-programmable calculator.

The CDE will consist of the following components:

General Knowledge Exam (400 Points)

Participants will complete a 50 question multiple choice exam. References are available at www.kyffa.org

White Tail Deer Management (100 Points)

Each participant will be required to demonstrate expertise in one or two of the following areas: standard objectives, jawbone aging, antler scoring, and whitetail management techniques.

Game/Songbird Biology (100 Points)

Each participant will be required to demonstrate expertise in one to two areas related to Game/Song Bird Biology. This may include identification of song bird calls and/or questions related to song bird management.

General Identification (100 Points)

Students will identify 25 items from the ID list which is available at www.kyffa.org

Aquatic Management (100 Points)

Each participant will be required to demonstrate expertise in one to two activities related to Aquatic Management. This may include questions related to pond and stream management and/or identification of specimens.

Scoring

Possible score for each participant is 800 points, with a possible team score of 2400 points.

The top three team member scores will count toward the team total.

Teams will be ranked in numerical order on the basis of the final team score.

Individuals will be ranked in numerical order on the basis of the final individual score.

The high scoring individual on a team will be used to break team ties.

422 Wildlife Management

1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th
\$300	\$150	\$65	\$45	\$40	\$30	\$25	\$20	\$20	\$20