

# DEPARTMENT • 26

## AGRICULTURAL EDUCATION/FFA

### DEMONSTRATIONS

For agricultural education teams from Pennsylvania high schools.

January 8-11, 2023

CHAIR - Valerie Fry, Selinsgrove, PA

JUDGES - William Kronen, Gretchen Oberst, Susan Werner

Entries close November 3, 2023

1. Entries shall be made in the name of the school represented and premium awards will be made to the school. A school may enter a maximum of three (3) demonstrations. There must be different members on each team.
2. All demonstrations must fit within the following Agricultural, Food and Natural Resources pathways: Agribusiness Systems, Animal Systems, Environmental Service Systems, Food Products & Processing Systems, Natural Resources Systems, Plant Systems, Power, Structural & Technical Systems.
3. On-stage teams WILL be composed of two to four FFA members.
4. Off-stage assistance during a demonstration shall be limited to team members and one assistant, plus adviser or chaperone.
5. Entries along with presentation outline **must** be mailed to: Mike Brammer, PA FFA Executive Director, P.O. Box 61663, Harrisburg, PA 17106, by **November 3, 2023**. Applications can be found on the PA FFA website: <https://paffa.org/farm-show>. Search under Farm Show Premium List and look for Department 26 documents.
6. Property requirements for demonstrations shall be cleared with the Farm Show Director before demonstrations are approved.
7. Team members **MAY NOT** use manuscripts during the demonstration.
8. Each team shall be accompanied by an FFA Advisor or chaperone who will be responsible for the team while it is in Harrisburg.
9. The actual demonstration must be at least fifteen (15) minutes long but not more than twenty (20) minutes. A penalty will be assessed for demonstrations not meeting these time requirements. In addition, the demonstrations must be set up, presented, and removed from the stage within the 30-minute time period provided for each demonstration. **Demonstrations may NOT utilize propane, small gasoline engines, or other flammable liquids for the safety of participants and observers. Live animals are NOT allowed to be utilized in demonstrations.**
10. Back-stage activity while demonstrations are being presented is not permitted. Members of demonstrating teams **MUST** adhere to safety precautions at all times.
11. Demonstrations should vary from year to year and **NOT** be repeated in successive years by the same school.
12. No question period is provided, and questions are not solicited. The presentation is to be complete.
13. Skits and playlets, except as a part of the demonstration, are not acceptable.
14. Demonstrations will be conducted on the Lancaster Farming Stage in the Expo Hall of the Pennsylvania Farm Show Complex & Expo Center.
15. The demonstration committee will review all applicants and select the schools to participate based on the time slots available. If more teams apply than time slots are available, the Farm Show FFA Committee will review the applications and select the participants.
  - a. Schools will be notified by December 1.
  - b. Official FFA dress is suggested where appropriate.
  - c. Suggested hints for demonstrations and scorecards can be found on the PA FFA website and should be reviewed.
16. A disqualification and forfeiture of show premiums of a demonstration or exhibit will be made at the discretion of the department chairman. Infractions that could warrant disqualification include:
  - a. Removal of exhibits prior to the designated removal time and date, unless preapproved by the Farm Show Manager.
  - b. Exhibits that were not the original work of the FFA Chapter or individual exhibitor.
  - c. Modifying and painting Farm Show property in any way except by approval of the Farm Show Manager.
  - d. Defacing Farm Show property in any way.
  - e. Consistent and flagrant violation of departmental rules that are not included as part of the evaluation and scoring process.
  - f. Flagrant violation of the FFA Code of Conduct.
  - g. Exhibits less than high quality for the PA Farm Show.

#### DIVISION 1:

CLASSES	001	MIDDLE SCHOOL
	002	HIGH SCHOOL

#### PREMIUMS

1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>	4 <sup>th</sup>	5 <sup>th</sup>	6 <sup>th</sup>	7 <sup>th</sup>	8 <sup>th</sup>	9 <sup>th</sup>	10 <sup>th</sup>
\$150	\$115	\$100	\$90	\$85	\$44	\$40	\$38	\$36	\$34

The Farm Show Commission will award a Walnut Plaque for the first-place team. The Plaque will be sent to the team.

# DEPARTMENT • 26

## AGRICULTURAL EDUCATION/FFA

### WINDOW EXHIBITS

CHAIR - Ronald Frederick, Blue Ball, PA

JUDGES - John Bierbower, Ronald Frederick, Heather Drzal

Entries close November 3, 2023

The Agriculture school exhibit will be held in connection with the Pennsylvania Farm Show. The exhibit will be conducted as a contest among chapters of the Pennsylvania FFA Association. Sixteen separate spaces will be available for exhibits. Farm Show will provide tables 8 feet long by 40 inches wide for each exhibit. Tables will be skirted. Immediately following judging, Farm Show personnel will cover the front of every display with see-through plastic to protect the contents of the exhibit.

#### RULES AND REGULATIONS

1. Any FFA Chapter in Pennsylvania may enter this contest by submitting a completed entry form found at the PA FFA website, [www.paffa.org/association](http://www.paffa.org/association), Farm Show Documents, and return it to: PA FFA; Mike Brammer, PA FFA Executive Director, P.O. Box 61663, Harrisburg, PA 17106. The completed entry form **MUST** include a photo (not a sketch) and indicate where the exhibit has been previously exhibited. The exhibit **MUST** have been exhibited prior to the 2024 Farm Show at a fair or other show where it was judged. Schools must be pre-entered. Entries will be limited to sixteen (16) exhibits with preference given to those which appear to be a more educational and professional display.
2. Each exhibit must have unity, conveying one central idea based on an approved method or practice in Agriculture. It should be simple in form, have few signs and charts, and should not be crowded. It may be stationary or may have mechanical motion. Electric power will be furnished for mechanical exhibits. The use of lights is strongly suggested. All electrical needs must be included in your submission.
3. The Window Exhibit Committee will review all plans submitted and will select up to sixteen (16) agricultural exhibits. The theme of ALL exhibits must fit within The theme of all exhibits must fit within the Agricultural, Food and Natural Resources pathways: Agribusiness Systems, Animal Systems, Environmental Service Systems, Food Products & Processing Systems, Natural Resources Systems, Plant Systems, Power, Structural & Technical Systems. The schools will be notified by December 1 whether they have been accepted or not.
4. Each exhibit must be the original work of a Pennsylvania FFA Chapter. The construction of the exhibit must be entirely the work of FFA members of the chapter entering the exhibit. Portions of the exhibit may be commercially printed or printed by students in other classes at the school. Maximum size of these printed sections will be 3 feet by 3 feet. In no case may an entire panel be commercially printed or printed by students in another class.
5. Farm Show will provide tables 8 feet long by 40 inches wide for each exhibit. Tables will be skirted by Farm Show. Immediately following judging, Farm Show personnel will cover the front of every display with see-through plastic to protect the contents of the exhibit. Exhibits may not exceed 40 inches deep by 8 feet wide and may not be over 8 feet tall from the floor. Exhibits must be constructed and set up so that they will not blow over or be easily knocked over as Farm Show visitors pass by them.
6. Each exhibit must be set up by the school or group preparing it and must be in place by 5:00 p.m. on Friday, January 5, 2024. Each group setting up an exhibit must be accompanied by a teacher or chaperone. Setup may begin on Wednesday, January 3, 2024, at noon through 5:00 p.m. on Friday, January 5, 2024. A school identification sign will be provided by the Farm Show and displayed by the committee after judging is complete.
7. Exhibits will be placed by screened and selected judges. Judging will begin at 5:30 p.m. on Friday, January 5, 2024. A listing of general comments on the exhibits will be provided to the exhibiting chapters and will be posted on the FFA website.
8. Each exhibitor must arrange to remove their exhibit on Saturday, January 13, 2024, after 5:00 p.m. If exhibits cannot be removed at that time, contact Chairman for alternative options.
9. A disqualification and forfeiture of show premiums of a demonstration or exhibit will be made at the discretion of the department: a.) Removal of exhibits prior to the designated removal time and date, unless preapproved by the Farm Show Manager. b.) Exhibits that were not the original work of the FFA Chapter or individual exhibitor. c.) Modifying and painting Farm Show property in any way except by approval of the Farm Show Manager. d.) Defacing Farm Show property in any way. e.) Consistent and flagrant violation of departmental rules that are not included as part of the evaluation and scoring process. f.) Flagrant violation of the FFA Code of Conduct. g.) Exhibits less than high quality for the PA Farm Show.

#### **DIVISION 2: CLASS: 005**

PREMIUMS:	1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th thru 16th Place
	\$200	\$175	\$150	\$125	\$100	\$90	\$80	\$70	\$60	\$50

**The FOFS will match all premiums paid in DIVISION 2: CLASS:005**

**The Farm Show Commission will award a Walnut Plaque for the first-place exhibit.**

**The Farm Show Commission will award a Walnut Plaque for the first-place team. The Plaque will be sent to the team.**

# DEPARTMENT • 26

## AGRICULTURAL EDUCATION/FFA

### HORTICULTURAL EXHIBITS

CHAIR - Malena Perry, Mechanicsburg, PA

JUDGES - Jim Bijold

#### RULES

See General Rules, Regulations & Health Requirements online at <https://www.farmshow.pa.gov/pafarmshow/exhibit/rules-regulations>

**ALL ENTRIES MUST BE PRE-ENTERED ONLINE BY DECEMBER 1, 2023, AT THE FOLLOWING LINK:**

<https://pafarmae.fairwire.com/>

**Please visit [www.farmshow.pa.gov](http://www.farmshow.pa.gov) for instructions on how to enter correctly.**

#### NO ENTRY FEE REQUIRED

Entries made after December 1, 2023, **WILL NOT** be accepted

1. Any Agricultural Education student may enter this contest if they have conducted the entry as a part of the instructional program of their local Agricultural Education department and verified by the Agricultural Education instructor. (Only secondary students are eligible to compete in this department).
2. Flowers and plants entered/used for competition must be live or fresh unless noted and above the ordinary standard and quality to be entitled to an award.
3. Exhibits may be delivered beginning at 3:00 p.m. on Thursday, January 4, 2024. Exhibits must arrive at the show by 12:00 noon on Friday, January 5, 2024.
4. No exhibitor may enter more than one article in each class.
5. The management will not undertake to return containers or be responsible for the return of exhibits. All exhibits may be claimed by the exhibitor or his representative after 5:00 p.m. on Saturday, January 13, 2024. Any exhibit removed prior to listed times without Show Management approval will result in forfeiture of all premiums.
6. **DEFINITIONS - Pedestal:** A footed container; **Wreath:** Wreaths will be in a **round shape**; **Wall Hanging:** Design of any shape, **maximum size 24" in any direction**; **Diameter:** Always refers to **OUTSIDE** diameter; **Fireside Basket:** A wide, open-ended basket with a high handle; **Novelty Container:** Containers not used for normal plant production.
7. Mechanics for hanging entries **must** be attached to the design. If not, the entry will be disqualified. Please attach a light-colored ribbon to the hanging mechanics making it easier to find the hanger.
8. In order to maintain freshness, floral arrangements should be placed in a container or material that holds water and watered when they are entered.
9. Floral arrangements will be limited to 15" high, including the container, unless otherwise listed. Exhibits not meeting size requirements will be disqualified.
10. Entries must be pre-entered online by December 1, 2023. **No** on-site entries will be accepted. Please also bring entry tags of any entries that are scratched.
11. Judging will begin at 1:00 p.m. on Friday, January 5, 2024. During judging the display space will be closed.
12. Entry tags will be printed and mailed to exhibitor at the address provided with entry. **Securely attach** the printed entry tags to exhibits and deliver exhibits to expedite the check-in process.
13. Arrangements or displays must be of the theme and quality that should be depicted by an FFA member and/or high school student.
14. Flowers are to be displayed in their natural color state - **do not** artificially color fresh flowers unless noted.
15. A disqualification and forfeiture of show premiums of a demonstration or exhibit will be made at the discretion of the department: a.) Removal of exhibits prior to the designated removal time and date, unless preapproved by the Farm Show Manager. b.) Exhibits that were not the original work of the FFA Chapter or individual exhibitor. c.) Modifying and painting Farm Show property in any way except by approval of the Farm Show Manager. d.) Defacing Farm Show property in any way. e.) Consistent and flagrant violation of departmental rules that are not included as part of the evaluation and scoring process. f.) Flagrant violation of the FFA Code of Conduct. g.) Exhibits less than high quality for the PA Farm Show.

# DEPARTMENT • 26

## AGRICULTURAL EDUCATION/FFA

### HORTICULTURAL EXHIBITS

#### DIVISION 3: HOUSE PLANTS/DESIGNS

(Classes 010 AND 012: Student's daily plant growing journal in AET, must be included/attached. Any entry without a journal will not be evaluated.)

- Class 010.** Open Bulb -: may be one single bulb or a mix of spring bulbs. Container size 8". **Attach the common and scientific name(s) of the bulb(s) used**
- Class 011.** Hanging Basket - foliage 6"-10" basket - **attach the name and variety (if known) of the plant**
- Class 012.** Poinsettias - 6 1/2-inch pot maximum, no accessories needed, one cutting per pot
- Class 013.** Door Decoration with artificial plants- max 18" size in any direction.
- Class 014.** Miniature Succulent Garden - in a teacup or mug sized container, no larger than 4"
- Class 015.** Mixed herb garden - three (3) varieties, maximum size container 12"
- Class 016.** Dish garden - foliage only - novelty container maximum size: 12" diameter, 18" height, accessories permitted
- Class 017.** Cactus garden - max 10" pot
- Class 018.** Air Plant design - max size 12" x 12", minimum of three varieties of air plants
- Class 019.** Terrarium tropical foliage plants ONLY, no succulents; Novelty container, do not use a rectangular container, smaller than 5 gal. capacity, must be covered, may include accessories.
- Class 020.** Topiary with succulents, designer's choice maximum size 18"

**Miniature Landscape Design** - Live foliage and natural materials are used to represent a landscape design.

- A.)** Container: Wooden box 24" x 24" x 5" deep open container. All plants and accessories must be within the 24" by 24" perimeter and must not exceed 22" max. overall height from the table.
- B.)** Class 13 and 14: Over 50% of the area must be covered with live plants, (unless otherwise specified), up to 25% of the area can be covered with natural materials and 25% of the area may be covered with accessories (may include house/building). Do not use moss. Houseplants will be used to represent landscape plants.
- C.)** A diagram (using graph paper or computer aided design); using appropriate landscape symbols and scale for the drawing, will be provided which will identify each plant or item in the design with numbers and symbols to represent plants. Plants used in the design and the plants represented will be identified with the scientific and common name. Ex. Dwarf Schefflera: Schefflera arboricola (representing) Red Maple: Acer rubrum.
- D.)** Accessories are permitted, miniature house, etc. House can be, but, does not have to be included – only indicated in some manner. All lights or electrical components must be battery powered.

**Due to the number of entries in Miniature Landscape Design, three divisions have been developed. Each exhibitor may only enter one display in Miniature Landscape Design. If more than one display is entered by an exhibitor, the exhibitor's entries will be disqualified in these classes (Classes 212-214).**

- Class 021.** Miniature Landscape Design - Landscape display incorporating hardscaping with 25% plant material (maximum). No Legos or knex blocks. Can include a patio, raised bed, water feature, etc. See General Min. Landscape rules above.
- Class 022.** Miniature Landscape Design - Landscape display - Horticulture Business. See general Miniature Landscape rules above.
- Class 023.** Miniature Landscape Design - Landscape display incorporating a garden section in an arboretum. See general Miniature Landscape rules above.

#### DIVISION 4: FLORAL DESIGNS

- Class 030.** Topiary made with fresh flowers and foliage, maximum of 24" high by 10" wide.
- Class 031.** Centerpiece using silk flowers, maximum height 15". Theme: All American BBQ
- Class 032.** Mason Jar- pint size - 12" height, silk or dried materials
- Class 033.** Door Decoration- maximum size 24" Theme- Beach
- Class 034.** Design a Sweet Treat with fresh flowers; may use paint or dye to change the color of the flowers: 8" max plant size.
- Class 035.** Fresh wreath - Christmas theme - 24" max completed diameter. Fresh evergreen to be made and decorated by students. Must include a marked hanger.
- Class 036.** Sheltered Design: Container no wider than 15" - using fresh flowers and foliage.
- Class 037.** Asian Design: maximum size 16" in any direction.
- Class 038.** Bud Vase - Using fresh flowers, 9" max vase size, 20" height. overall
- Class 039.** Fresh Flower design – incorporating fresh vegetables (vegetables not inside the vase or under water), maximum 18" in any direction
- Class 040.** Wrist corsage with a matching boutonniere - Theme: Prom Under the Stars, incorporate accents
- Class 041.** Bridal bouquet - cascading bouquet 20" maximum, provide a weighted stand or vase to display bouquet.

# DEPARTMENT • 26

## AGRICULTURAL EDUCATION/FFA

### HORTICULTURAL EXHIBITS

**Class 042.** Table centerpiece - Theme: Valentine’s Day - using fresh flowers and creative accessories. 15” size limit in any direction.

**Class 043.** Hospital Arrangement - One sided, boy or girl theme, 15” max height - accessories may be incorporated. Using fresh flowers.

**Class 044.** Sympathy - Theme: Memorial design for cremation. Total ht. 18” max width 18”. All elements need to be securely fastened. Artificial color may be added to the flowers.

**Class 045.** Sympathy – Fireside basket: One Sided

**Class 046.** Fresh Vase Arrangement - All Around, maximum height 24”

#### PREMIUM SCHEDULE

	1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>	4 <sup>th</sup>	5 <sup>th</sup>
Classes 010 through 045	\$20	\$18	\$16	\$14	\$12

#### “BEST OF SHOW”

**Ribbons will be awarded in the following categories for both Divisions:**

Best of Show - Houseplant and Design Division

Most Creative - Houseplant Design Entry

Best of Show - Fresh Arrangement

Best of Show - Permanent Design

Most Creative - Floral Entry Overall

# DEPARTMENT • 26

## AGRICULTURAL EDUCATION/FFA

### LANDSCAPE EXHIBITS

Entries must be **PRE-ENTERED**

**CHAIR – Deb Seibert**

**JUDGE - John Lehman**

Entries close **November 3, 2023**

**Overview:** Ag-Ed students will use landscape industry approved design principles to design and install the landscape exhibit with high quality workmanship. Prequalifying required documents (below) will be sent to the State FFA Office for review. Selected chapters will then be notified by email for Farm Show participation.

#### Details:

1. The exhibit will be a maximum 15 feet across by 10 feet deep.
2. 2024 Theme: PA Fall Garden Colors
3. Schools must submit the following prequalifying documents:
  - a. Application: available on the PAFFA website: <https://www.paffa.org/association/>.
  - b. 22" x 18" landscape design (1" scale).
  - c. List of plant materials to be installed in the landscape design.
  - d. A one-page theme statement about the landscape design concept.
  - e. **New for 2024:** Chapter will prepare a flyer/brochure promoting your Ag Ed Program and have that on display.

To be considered a complete application, items a) through e) must be mailed to: PA FFA, Mike Brammer, Executive Director, P.O. Box 61663, Harrisburg, PA 17106. by November 3, 2023. **Mailed items will not be returned to the exhibitors.**

#### Details of the landscape display:

1. The display will be completed by FFA members and their advisor. Landscape professionals may be and are encouraged to be consulted on the project. The judged installation must be constructed by high school FFA members.
2. A Landscape Design Plan: 22' x 18" (covered with clear plastic), from a bird's eye view, identifying plant materials in the exhibit, shall be erected in the front of the exhibit. Front viewing of the exhibit shall be the primary objective. (A source of 110-volt electrical power will be available at each exhibit, and lighting effects shall be the responsibility of the chapter construction the exhibit. Electrical equipment, such as pumps, should be of a type that will operate for eight days.
3. A minimum of five types of landscape plant materials will be used. They shall be of a type and condition (balled or other container) that will stand up for the eight days of the show. All plants used in the exhibit will be labeled using common and scientific names.
4. Exhibits must be removed between 5:00 p.m. on Saturday, January 13, 2024, and 5:00 p.m. on Sunday, January 14, 2024. If exhibits cannot be removed during this time, contact chairman or the Farm Show to make alternate arrangements.
5. First-place school will be given the opportunity to represent PA at the Big E, Eastern States Exposition. If that is not an option, the opportunity will be offered to second place. Schools may not attend Big E in two consecutive years. The Big E competing school will receive \$450 from the PA FFA Association to offset expenses.
6. Exhibits may be set up before Wednesday, January 3, 2024, at noon with prior arrangements with the Department Chairperson and Show Manager. Otherwise, setup begins on Wednesday, January 3, 2024, at noon and **must be in place by Friday, January 5, 2024, at 12:00 noon.**
7. An FFA chapter sign will be supplied by the PA Farm Show and put on display by committee after judging. If the banner cannot be hung, contact chairman or the Farm Show to make alternate arrangements.
8. A disqualification and forfeiture of show premiums of a demonstration or exhibit will be made at the discretion of the department:
  - a. Removal of exhibits prior to the designated removal time and date, unless preapproved by the Farm Show Manager.
  - b. Exhibits that were not the original work of the FFA Chapter or individual exhibitor.
  - c. Modifying and painting Farm Show property in any way except by approval of the Farm Show Manager.
  - d. Consistent and flagrant violation of departmental rules that are not included as part of the evaluation and scoring process.
  - e. Flagrant violation of the FFA Code of Conduct.
  - f. Exceeding the maximum exhibit size of 15 feet across by 10 feet deep.

## DEPARTMENT • 26

# AGRICULTURAL EDUCATION/FFA

### DIVISION 6: LANDSCAPE EXHIBIT

#### CLASS - 055 Landscape Exhibit

**Special Ribbons:** Best Overall Design Principles  
Best Plant Materials Selection  
Best Non-Living Materials Selection  
Best Landscape Design Plan Print  
Best Exhibit Theme Statement  
Best Printed Ag Ed Program Promotional Flyer and  
Landscape Flyer

**Premiums:** 1<sup>st</sup> - \$300; 2<sup>nd</sup> - \$250; 3<sup>rd</sup> - \$200; 4<sup>th</sup> - \$125; 5<sup>th</sup> through 10<sup>th</sup> - \$100

**Special Awards:** The Farm Show Commission will award the special ribbons listed above plus a Walnut Plaque to the school winning first place.



# DEPARTMENT • 26

## AGRICULTURAL EDUCATION/FFA

### AGRISCIENCE FAIR

CHAIR - Adam Serfass

JUDGES - Dale Oliver, Dr. Kevin Curry

**Entry Deadline: December 1, 2023**

**ONLINE REGISTRATION REQUIRED AT THE FOLLOWING LINK:**

[Forms & Registration \(pa.gov\)](#)

#### Eligibility Requirements

1. The PA Farm Show will NOT serve as the qualifying event for the AgriScience Fair at the National FFA Convention.
2. Each member or team may enter only one project. A team is maximum of two members working cooperatively on the same project.
3. Displays must reflect the current year's work and have been made since the 2023 Farm Show.
4. Individual interviews will take place in the Keystone Conference Center (in a room to be assigned). Exhibits must be in place by 10:00 a.m. on Friday, January 5, 2024. Judging starts at 10:15 a.m. on Friday, January 5, 2024. Each participant is required to meet with the judges to explain their project. Exhibits will be displayed at the Farm Show Complex. The maximum number of entries to be displayed is 64.
5. Exhibited projects and project reports shall be the result of the student's or students' own effort.
6. Projects MUST remain on exhibit until 5 p.m. on Saturday, January 13, 2024, or **the exhibitor will forfeit their premiums.**
7. Must be an FFA member in grades 7-12 to participate in this event.
8. The Farm Show Commission reserves the right to withhold any premium for lack of merit of exhibits and authorizes judges to award a lower place premium if deemed best.

#### Safety Rules

1. If an exhibit becomes unsafe or unsuitable for display, it will be removed and deemed ineligible for any awards.
2. Projects that involve vertebrate animal subjects must conform with the following statement: Experiments on live animals, surgery, the removal of parts, injection of harmful chemicals, and/or exposure to harmful environments are not acceptable at the Farm Show. Live vertebrates are not permitted at the Farm Show.
3. Toxic and hazardous chemicals are prohibited.
4. All necessary chemical glassware must be displayed in a stable manner and protected from the public. The items must be back from the edge of the table and may not be operational at any time.
5. Students should substitute colored water, photographs, or drawings for chemicals.
6. Crystals, other than sucrose (sugar) and sodium chloride (salt), may not be displayed. Projects involving crystals can be represented by pictures or other three-dimensional models.
7. Hypodermic needles and syringes may not be displayed in any exhibit.
8. It is critically important that no person be exposed to any bacteria that are considered pathogenic. Therefore, the following two rules are very important: No wild cultures incubated above room temperature; no cultures taken from humans or other warm-blooded animals may be used. This includes but is not limited to skin, throat, and mouth.
9. Plastic Petri dishes must be used and must be sealed.
10. Lasers may not be used in any exhibit.
11. Dangerous and combustible materials are prohibited.
12. No exhibit shall have open flames.
13. No electricity can be used.

#### Display Requirements

1. Each exhibit must conform to National FFA Standards, which can be found at [www.ffa.org/participate/awards/agriscience-fair](http://www.ffa.org/participate/awards/agriscience-fair)
2. National FFA Scorecard will be used in judging exhibits.
3. The official maximum size for a project is 48 inches wide by 30 inches deep (the distance from front to back) by 108 inches high (from floor to top, includes table if project is on tabletop). After judging exhibits will be displayed on a flat surface (i.e. a wall) and should not contain items that make them three-dimensional.
4. All projects must have the following information attached to the upper right-hand corner of the exhibit: Name of person(s) responsible for developing project, Chapter Name, County, Title of category entered.
5. Only projects earning a first place will be kept for display at the Farm Show. All projects will be displayed in a 2D format.



# DEPARTMENT • 26

## AGRICULTURAL EDUCATION/FFA

### AGRISCIENCE FAIR

	DIVISION 7	DIVISION 8	DIVISION 9	DIVISION 10	DIVISION 11	DIVISION 12
<b>Agriscience Fair Classes</b>	Food Products and Processing Systems	Plant Systems	Power, Structural, and Technical Systems	Environmental Services/Natural Resource Systems	Animal Systems	Social Systems
Individuals in Grades 7 & 8	<b>Class 60</b>	<b>Class 66</b>	<b>Class 72</b>	<b>Class 78</b>	<b>Class 84</b>	<b>Class 90</b>
Teams of Two Members in Grades 7 & 8	<b>Class 61</b>	<b>Class 67</b>	<b>Class 73</b>	<b>Class 79</b>	<b>Class 85</b>	<b>Class 91</b>
Individuals in Grades 9 & 10	<b>Class 62</b>	<b>Class 68</b>	<b>Class 74</b>	<b>Class 80</b>	<b>Class 86</b>	<b>Class 92</b>
Teams of Two Members in Grades 9 & 10	<b>Class 63</b>	<b>Class 69</b>	<b>Class 75</b>	<b>Class 81</b>	<b>Class 87</b>	<b>Class 93</b>
Individuals in Grades 11 & 12	<b>Class 64</b>	<b>Class 70</b>	<b>Class 76</b>	<b>Class 82</b>	<b>Class 88</b>	<b>Class 94</b>
Teams of Two Members in Grades 11 & 12	<b>Class 65</b>	<b>Class 71</b>	<b>Class 77</b>	<b>Class 83</b>	<b>Class 89</b>	<b>Class 95</b>

#### Premiums

1st \$40.00, 2nd \$35.00, and 3rd \$30.00 will be awarded in each division.

**The Farm Show Commission will award a Walnut Plaque for Best of Show.**

# DEPARTMENT • 26

## AGRICULTURAL EDUCATION/FFA

### FFA ANTIQUE TRACTOR RESTORATION

CHAIR- Charles Graydus

JUDGE - TBA

**Entries must be PRE-ENTERED.**

ENTRY FORMS ARE AVAILABLE ON THE FOLLOWING WEBSITE:

www.pafaa.org/Association, PA Farm Show Documents Tractors may also participate in the Farm Show Antique Tractor Pull subject to the rules found at:

[https://www.media.pa.gov/pages/Agriculture\\_details.aspx?newsid=861](https://www.media.pa.gov/pages/Agriculture_details.aspx?newsid=861)

Appropriate entry forms can be downloaded and completed application must be sent to Attn: Department 26, c/o Mike Brammer, P.O. Box 61663, Harrisburg, PA 17106.

**Entries close November 1, 2023**

#### Subject & Eligibility

1. This is a competition event for the FFA Chapters within the state of Pennsylvania. All projects shall be completed by the members of the FFA Chapter, their advisors, and mentors. The purpose of the project is for high school students to learn and practice career ready skills that will help them prepare for future careers. The work is to be completed by the high school students with the guidance of mentors and FFA Advisors.
2. Participation is limited to 15 FFA Chapters.
3. Each Chapter will complete one live, 15-minute presentation.
4. Each Chapter will complete a video documenting the restoration process.
5. Each Chapter will display their restored tractor at the Farm Show.
6. Each Chapter will complete an SAE/AET record book which documents the process/skills learned.
7. Each Chapter will prepare a tri-fold display of the restoration process.
8. The tractors used cannot have been carried as an FFA Farm Show Project in past years.
9. FFA Chapters with an intent to participate must submit the form found on the website [pafaa.org/association](http://pafaa.org/association), located under "Farm Show Documents"

#### Rules

1. Tractors must have been manufactured in 1975 or earlier and have an internal combustion engine.
2. Restoration may be completed by an individual or a group of students.
3. Each Pennsylvania FFA Chapter may enter one tractor.
4. Information must be gathered and obtained upon procuring the tractor. This information must include photos, location it was found, and the previous owners (if known).
5. Documentation on restoration project must also be gathered and submitted. This documentation must include photos, narrative, and expenses. Participants must journal their involvement using the AET recordkeeping system. All documentation must show the use of Personal Protective Equipment ("PPE"). Documents and videos where PPE is not used will not be displayed.
6. Create a four- to six-minute video of the restoration process, including the end result and the tractor running. Follow the directions from Lancaster Farming How to Upload a Video. [Completed presentations must be uploaded here.](#)
7. Farm Show will provide Velcro tri-fold boards (total size is 6 feet by 3 feet. Each of the three (3) panels are 2 feet by 3 feet). Each chapter is responsible for setting up and tearing down tri-fold displays and returning it to their proper storage.
8. Display your tractor, information, and documentation at the PA Farm Show. Electricity will not be available for displays.
9. Complete an on-stage presentation during the PA Farm Show.
10. Complete and submit the Lancaster Farming questionnaire about your project. The details provided by the questionnaire will be developed into an article and published in Lancaster Farming prior to Farm Show.
11. Rubrics for the competition will be available at [pafaa.org/association](http://pafaa.org/association), located under "Farm Show Documents."

#### Presentation

1. Each FFA Chapter will be required to give one live, 15-minute presentation on stage in the Exposition Hall beginning at 8:00 a.m. on Saturday, January 13, 2024. The Awards Presentation will be at 1:00 p.m. on Saturday, January 13, 2024 on the Exposition Hall stage.
2. The presentation should include but not be limited to: an introduction to the topic, what was learned through the project undertaken, and end with a request for questions from the audience. Students are encouraged to utilize the video that they have created intermittently throughout their presentation.
3. Exhibitors must correspond with the Department Chairperson to make arrangements for presentation schedule.
4. Video must be completed by December 8, 2023 and submitted to Lancaster Farming.

**PREMIUMS: ALL PARTICIPANTS \$200**

**SPECIAL AWARDS:** *Presented by Lancaster Farming and the Friends of the Pennsylvania Farm Show Foundation, Inc.*

ALL PARTICIPANTS \$600

BEST OF SHOW \$250 & Walnut Plaque

MOST AUTHENTIC \$250 & Walnut Plaque

BEST VIDEO \$250 & Walnut Plaque

MOST IMPROVED \$250 & Walnut Plaque

BEST PRESENTATION \$250 & Walnut Plaque

BEST RECORD BOOK \$250 & Walnut Plaque

# DEPARTMENT • 26

## AGRICULTURAL EDUCATION/FFA

### AG-MECHANICS COMPETITION

CHAIR - Charles Graydus and Paul Bohnert

JUDGE -TBA

#### Entries must be PRE-ENTERED

ENTRY FORMS ARE AVAILABLE ON THE FOLLOWING WEBSITE:

[www.pafaa.org/Association, PA Farm Show Documents](http://www.pafaa.org/Association, PA Farm Show Documents)

Appropriate entry forms can be downloaded and completed application must be sent to  
Attn: Department 35, c/o Mike Brammer, P.O. Box 61663, Harrisburg, PA 17106.

Pre-Entries close December 1, 2023

2023 Chapters will be notified of acceptance by December 5, 2023

1. Pre Entry includes original drawing (by hand or computer generated) and bill of materials.
2. Forms entered will not be returned to the school.
3. Entries on the Farm Show website close December 1

#### Subject & Eligibility

1. This is a competition event for FFA members within the state of Pennsylvania. The purpose of this department is for high school students to learn and practice career ready skills that will help them prepare for future careers.
2. The work is to be completed by the high school students enrolled in Agricultural Mechanics with the guidance of FFA Advisors. All entries must be school appropriate and represent the FFA Code of Ethics.
3. Exhibits will be entered by Friday at noon and judged on Friday starting 1 pm.
4. Rubrics for the competition will be available at [www.pafaa.org/Association, PA Farm Show Documents](http://www.pafaa.org/Association, PA Farm Show Documents) located under "Farm Show Documents"
5. Drawings with estimates need to be submitted with the entry and the actual costs.

### DIVISION 15:

#### CLASS - 107 (METAL)

1. Metal project dimensions 36" in any direction.
2. Theme: Recreational
3. Entries will be judged on practicality of use and on fit and finish.
4. Limited to 5 per chapter.

#### CLASS - 108 (WOOD)

1. Wood project dimensions 24" in any direction.
2. Theme: Wildlife
3. Entries will be judged on practicality of use and on fit and finish
4. Limited to 5 per chapter.

#### PREMIUMS:

1ST PLACE	\$50
2ND PLACE	\$45
3RD PLACE	\$40
4TH PLACE	\$30
5TH PLACE	\$25

ALL PARTICIPANTS: SPECIAL AWARDS: *Presented by Lancaster Farming and the Friends of the Pennsylvania Farm Show Foundation, Inc.*

BEST OF SHOW METAL	\$250 & Walnut Plaque
BEST OF SHOW WOOD	\$250 & Walnut Plaque
MOST CREATIVE METAL	\$250 & Walnut Plaque
MOST CREATIVE WOOD	\$250 & Walnut Plaque