

AG ED AND FFA EDUCATIONAL PROJECTS

* Exhibitors must be enrolled in an Agricultural Education Program for all Ag Ed and FFA sections.

Section 22.7 - Ag Ed Agriscience Fair

1. FFA member or team of two FFA members may enter one project learned in the past school year.
2. Projects must come from one of the following topics:

Food Products and Processing Systems	Environmental Services/Natural Resource Systems
Power, Structural, and Technical Systems	Animal Systems
Plant Systems	Social System
3. Only the printed research paper based on the National FFA Written Paper Template will be entered - <https://ffa.app.box.com/s/cf4o9ys85ieer7z5xqcjn17raji0tvgp/file/289990393154>. No display is to be submitted.

	<i>1st</i>	<i>2nd</i>	<i>3rd</i>	<i>4th</i>	<i>all other worthy entries</i>
<u>CLASS</u>	\$25	\$20	\$15	\$10	\$5
INDIVIDUALS					
01. Grades 7-8					
02. Grades 9-10					
03. Grades 11-12					
TEAMS					
04. Grades 7-8					
05. Grades 9-10					
06. Grades 11-12					

Section 17.7 - Ag Ed Miniature Landscape Design

1. Exhibit must be in a 24"x24"x5" open container. Plants and accessories may not exceed 22" above the table.
2. Live foliage and natural materials must be used to represent parts of design. Over 50% of the area must be covered with live plants (unless otherwise specified), up to 25% of the area may be covered with natural materials, and up to 25% of the area may be covered with accessories and buildings. Do not use moss, legos, or knex blocks. Houseplants may be used to represent landscape plants.
3. Include a diagram of the design on graph paper. Use numbers or symbols to identify the actual plants and what they represent. Example: Schefflera representing Red Oak Tree. Cost estimate must be included with diagram. If miniature houses are used, they must be indicated on the diagram.
4. 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 this section.

	<i>1st</i>	<i>2nd</i>	<i>3rd</i>	<i>4th</i>	<i>all other worthy entries</i>
<u>CLASS</u>	\$25	\$20	\$15	\$10	\$5
01. Miniature Landscape Design					
02. Cottage Garden					
03. Backyard bar-b-que party					

Section 19.3 - Ag Ed Photography

1. Photos must have been taken by the exhibitor. One entry per class per exhibitor. No entries permitted by professionals.
2. Photos must have been taken within the last 12 months and must not have been previously exhibited at the PA Farm Show.
3. 8x10" photos only. Images are to be produced on photographic papers, ink-jet papers, and other similar photo processes. Images produce on paper, computer paper, etc. are ineligible.
4. Photos must be placed in a sheet protector. Mounting, mattes, or frames will not be accepted.
5. Digital images are not to be altered or modified, except for Altered image classes. Titles and lettering are not permitted.
6. Judging criteria - subject matter, impact, degree of simplicity/difficulty
7. Exhibitor name and address on the back of the photo in the top right-hand corner (label or handwritten).

	<i>1st</i>	<i>2nd</i>	<i>3rd</i>	<i>4th</i>	
<u>CLASS</u>	\$2	\$1.50	\$1.25	\$1	
BLACK & WHITE PHOTOGRAPHY					
01. Action/Sports					
02. Domestic Animals					
03. Wild Life					
04. Portrait and Personality					
05. Children					
06. Scenic					
07. Still Life					
08. Fair Photo					
09. Insects/Bugs					
10. Altered Images					
COLOR PHOTOGRAPHY					
11. Action/Sports					
12. Domestic Animals					
13. Wild Life					
14. Portrait and Personality					
15. Children					
16. Scenic					
17. Still Life					
18. Fair Photo					
19. Insects/Bugs					
20. Altered Images					

<u>CLASS</u>	<i>1st</i>	<i>2nd</i>	<i>3rd</i>	<i>4th</i>
	\$2	\$1.50	\$1.25	\$1

Section 17.4 - Ag Ed Plant Science & Horticulture

Posters 14x22" or 22X14", 3-D models with labels, booklet, or student-designed project

- | | |
|--------------------------------------|-----------------------|
| 01. Integrated Pest Management (IPM) | 05. Anatomy/Structure |
| 02. Plant Propagation | 06. Genetics |
| 03. Greenhouse Structures | 07. Photosynthesis |
| 04. Fertilizer | 08. Other |

Section 17.9 - Ag Ed Forestry

Posters 14x22" or 22X14", 3-D models with labels, booklet, or student-designed project

01. Forestry Skills (i.e.: Biltmore Stick, Pacing, etc.)
02. Pests (identification, impact, origin, prevention, treatment, etc.)
03. Tree Identification (must include history, uses, and facts)
04. Other

Section 22.5 - FFA Organization

Posters 14x22" or 22X14", 3-D models with labels, booklet, or student-designed project

- | | |
|-------------|------------|
| 01. History | 04. Emblem |
| 02. Creed | 05. Other |
| 03. Motto | |

Section 22.6 - Ag Ed Agribusiness

Posters 14x22" or 22X14", booklet, or student-designed project

01. Parts of a Business Plan
02. Marketing/Graphic Design (must relate to an Ag Business)
03. Business Plan - placed in a 3-ring binder
04. Other

Section 24.2 - Ag Ed Conservation

01. Habitat Management Plan – placed in a 3-ring binder
02. Soil Conservation Poster (select one method) - poster, 3-D, etc.
03. Water Conservation Poster (select one method) - poster, 3-D, etc
04. Exploring the Watersheds of Huntingdon County, PA – Project depicted in photos, written document, etc. of a student exploring watershed
05. Ecosystem Project - Covers a specific ecosystem and includes trophic levels
06. Other

Section 28.2 - Ag Ed Animal and Veterinary Science

Posters 14x22" or 22x14", 3-D models with labels, booklet, or student-designed project

01. Digestive System
02. Skeletal
03. Movement
04. Reproduction
05. Diseases
06. Parasites
07. Breed Characteristics
08. Meat Cuts from a specific livestock species
09. By-Products from a specific livestock species
10. Injections and Calculating Medication Amounts (must include photos of member completing activities)
11. Other

