

# DEPARTMENT • 30

## AGRICULTURAL EDUCATION AGRISCIENCE FAIR

Chair - Adam Serfass

Entry Deadline: November 20, 2020

ONLINE REGISTRATION REQUIRED AT THE FOLLOWING LINK:

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

### Eligibility Requirements

1. The 2021 Pennsylvania State Farm Show will serve as the state qualifying event for Agriscience Fair Exhibits. Exhibits selected as first-place winners at the Farm Show will be eligible to apply for National FFA recognition.
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 2020 Farm Show.
4. Exhibited projects and project reports shall be the result of the student's or students' own effort.
5. Must be an FFA member in grades 7-12 to participate in this event.
6. No premiums will be offered for the 2021 Farm Show.

### Exhibition Information:

1. Students must upload a written research report and any supporting forms at <https://expressforms.pa.gov/apps/pa/Agriculture/Educational-Agrisciences-Fair> by 5:00 p.m. Saturday, December 5, 2020. All documents should be uploaded as a PDF.
2. Judge(s) will select a maximum of five applicants in each category and division, using the appropriate National FFA AgriScience Fair prequalifying rubric.
3. Selected participants will be notified by December 13, 2020 via email or phone when their scheduled interview with the judges will take place.

### Safety Rules

1. Judging will occur via Zoom with scheduled twenty minute times. Reliable internet access is required.
1. If an exhibit becomes unsafe or unsuitable for competition it will be disqualified.
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 prohibited.
3. Toxic and hazardous chemicals are prohibited.
4. All necessary chemical glassware must be displayed in a stable manner. 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 used 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.

### Exhibit Requirements

1. Each exhibit must conform to National FFA Standards, which can be found at [www.ffa.org/index.cfm?method=c\\_programs.Agriscience](http://www.ffa.org/index.cfm?method=c_programs.Agriscience).
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 table top).

	Section 1	Section 2	Section 3	Section 4	Section 5	Section 6
Agriscience Fair Classes	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	1	7	13	19	25	31
Teams of Two Members in Grades 7 & 8	2	8	14	20	26	32
Individuals in Grades 9 & 10	3	9	15	21	27	33
Teams of Two Members in Grades 9 & 10	4	10	16	22	28	34
Individuals in Grades 11 & 12	5	11	17	23	29	35
Teams of Two Members in Grades 11 & 12	6	12	18	24	30	36