

2024 FACT Sheet

Our Vision

Agricultural education envisions a world where all people value and understand the vital role of agriculture and natural resources in advancing personal and global well-being.

Student Involvement in School-based Agricultural Education:

- Correlates to academic success through involvement in organizations like FFA.
- Parallels with higher career readiness among students.
- Connects with definite career plans after high school.
- Encourages a desire to participate in agriculture as they enter their careers.



Student Learning in Agricultural Education



CLASSROOM / LABORATORY

Through classroom / laboratory instruction, agricultural education students use unique problem-solving skills.



SUPERVISED AGRICULTURAL EXPERIENCE

Ag education students gain hands-on experience outside the classroom through their Supervised Agricultural Experience (SAE).



LEADERSHIP DEVELOPMENT

Leadership development activities through involvement in FFA, PAS, Young Farmers/Young Farm Wives and MVATA promote personal skill development.



Missouri agriculture contributes **\$93.7** billion annually to the state's economy, accounting for **456,618** jobs.







Missouri high schools and career centers offering agriculture classes. Students enrolled in Missouri agricultural education programs in 2022-23 school year.

30,620

5,243

High school agricultural education graduates in 2022.



CLASSROOM / LABORATORY

Students explore natural and social sciences, entrepreneurship and other careers through a:

Classroom

Greenhouse

• Laboratory

Outdoor Setting





AGRICULTURAL PATHWAYS

AGRIBUSINESS

AGRICULTURAL MECHANICS

ANIMAL SCIENCES FOOD SCIENCE AND SAFETY

NATURAL RESOURCES





SUPERVISED AGRICULTURAL EXPERIENCE (SAE)

SAEs enhance student experience and allow for classroom application. Personalized learning, SAEs are unique to each student and based on career interests and aspirations.

> Explore Careers Refine Career Choices

Meet Real-World Career Expectations

Develop Specific Skills for success in the ag industry

MISSOURI'S TOP 5 SAEs

- **1.** Placement / Food Production Systems
- **2.** Placement / Animal Systems
- 3. Placement / Agribusiness Systems
- 4. Beef Entrepreneurship
- 5. Placement / Power Structures & Technology



LEADERSHIP DEVELOPMENT

Organizations like FFA help prepare students for career success through agricultural education by ensuring members are career-ready when they graduate high school.



2023 ECONOMIC IMPACT:

\$67,328,443 statewide SAE generated net income

\$3,589 SAE net income per student

Graduate Placement:*

93% of Missouri high school ag education graduates were placed in some way after high school.

55% Continuing Education

36% Employed **2%** Military

* Based on 2022 data, the most recent available.

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