

# 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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