

# 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.

SUCCESS STARTS HERE



## 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.



### DID YOU KNOW?

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

# Up Close

# 362

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



## 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.



## 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



## 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.



## AGRICULTURAL PATHWAYS

AGRIBUSINESS

AGRICULTURAL MECHANICS

ANIMAL SCIENCES

FOOD SCIENCE AND SAFETY

NATURAL RESOURCES

PLANT SCIENCES

## 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