

MISSOURI

AGRICULTURAL EDUCATION

2022 FACT SHEET



Learning in agricultural education does not start and stop at the classroom door! Through FFA and Supervised Agricultural Experiences (SAEs) students have many opportunities to learn and develop real-world skills outside of the classroom and beyond the school day. In fact, a 2018-19 collaborative study between the National FFA Organization and Purdue University indicates FFA members are high achievers in the classroom and in their future careers.*

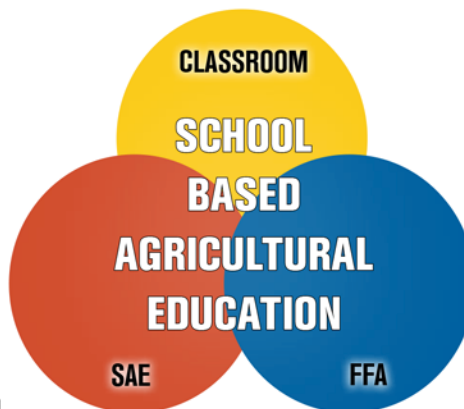
Success
STARTS HERE

WHY DO WE NEED FFA & AGRICULTURAL EDUCATION?

- Involvement in FFA is correlated with academic success.*
- Involvement in FFA parallels with higher career readiness among students.*
- FFA members have definite plans after high school.*
- FFA members desire to stay involved in agriculture as they enter their careers.*

DID YOU KNOW?

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



* 2018-19 Purdue University/National FFA collaborative study.

HOW DO STUDENTS LEARN IN AGRICULTURAL EDUCATION?

Through **classroom instruction**, ag ed students use unique problem-solving skills.

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

Leadership development is a key component of FFA. Activities are designed to promote personal skill development.

Up Close

353

Missouri high schools and career centers offering agriculture classes for students.

26,260

Students enrolled in Missouri agricultural education programs.

5,629

High school agricultural education graduates in 2019. 67% are pursuing agriculture as a career.

CLASSROOM

An essential core component of school-based agricultural education, classroom/laboratory may be delivered in a classroom, laboratory, greenhouse or outdoor setting. Here, students explore natural and social sciences, entrepreneurship and other careers.



SAE

Supervised Agricultural Experiences (SAEs) help students explore careers, refine their career choice, meet real-world career expectations and develop specific skills to be successful in the agricultural industry. SAEs enhance student experience and allow for classroom application. Most of all, SAEs are personalized learning, unique to each student and based on career interests and aspirations.

➔ Pathway-Aligned

➔ Student-Led

➔ Instructor-Supervised

➔ Work-based Learning

AN SAE IS...

➔ Employable Skills

➔ Real Earnings

➔ Agriculture-Focused

➔ College- & Career-Ready



PATHWAYS

AGRIBUSINESS

AGRICULTURAL MECHANICS

ANIMAL SCIENCES

FOOD SCIENCE AND SAFETY

NATURAL RESOURCES

PLANT SCIENCES



FFA

FA helps prepare members for career success through agricultural education by ensuring members are career-ready when they graduate high school. In 2019, **95.1%** of Missouri high school ag education graduates were placed in some way after high school. **34%** were employed, while **58%** were continuing their education and **4%** were in the military.



Statewide, more than **\$57,406,955** of net income was generated through SAE programs in 2021, or **\$3,275** per student. **16%** of students had **ownership** projects, while **48%** had **placement** projects where students work for someone in an agribusiness or on a farm.



Missouri's TOP 5 SAEs

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