

Missouri

AGRICULTURAL EDUCATION

2020 FACT SHEET



In Agricultural Education, learning does not start and stop at the classroom door! Through FFA and Supervised Agricultural Experiences (SAE) 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.*

At a Glance

27,977

Students enrolled in Missouri agricultural education programs.

5,629

High school agricultural education graduates in 2018. 68% are pursuing agriculture as a career.

348

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

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.*

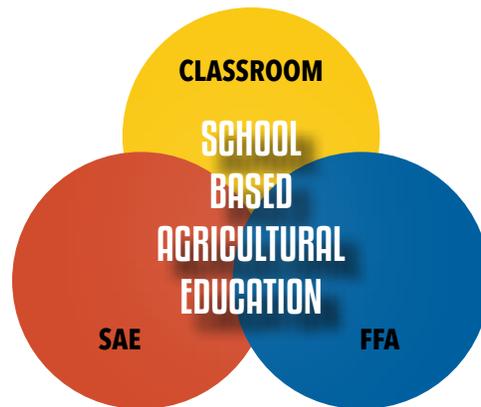
DID YOU KNOW?
FFA members show higher ACT and SAT scores on average than the 2018 high school graduating class average.*

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.



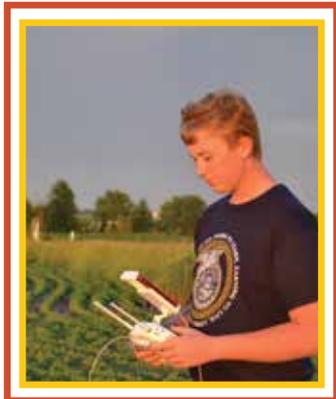
*2018-19 Purdue University/National FFA collaborative study.



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.

AGRIBUSINESS • AGRICULTURAL MECHANICS
ANIMAL SCIENCES • FOOD SCIENCE AND SAFETY
NATURAL RESOURCES • PLANT SCIENCES



Real-world skills.
Hands-on experience.
Career exploration.
College- and career-ready.
Passions discovered.
\$ earned while learning.
Entrepreneurs in the making.
Talents at work.

FFA

PREMIER LEADERSHIP • PERSONAL GROWTH • CAREER SUCCESS

FFA helps prepare members for career success through agricultural education by ensuring members are career-ready when they graduate high school. In 2018, **95.5%** of Missouri high school ag education graduates **were placed** in some way after high school. **31%** were employed, while **62%** were continuing their education and **4%** were in the military.

Missouri's TOP FIVE SAEs

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

Aligned to a
Career Path

Student-Led

Connected to
Agriculture



Instructor
Supervised

Measurable

Work-Based
Learning

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 their experience, allowing them to apply what they learn in the classroom. Most of all, SAEs are personalized learning. SAEs are unique to each student and based on career interests and aspirations.

• • • • •
\$50,150,067

Statewide, more than **\$50,150,067** of total student labor income was generated through SAE programs in 2018, or **\$2,727** per student. **12%** of students had **ownership** projects, while **34%** had **placement** projects where students work for someone in an agribusiness or on a farm. Moreover, **9%** had **agriscience** projects and **22%** had a **combination** of projects.