



2015 FACT SHEET

Agricultural Education in Missouri



SCHOOL-BASED AGRICULTURAL EDUCATION

AN INTEGRATED MODEL

School-based agricultural education (SBAE) delivers essential education through career and technical experiences, using the integral core components of interactive classroom, Supervised Agricultural Experience and FFA. The complete integration of these three components helps ensure students' career success or continuation with higher education related to agriculture, agriscience and/or agribusiness following high school graduation.

Missouri Agricultural Education encompasses:

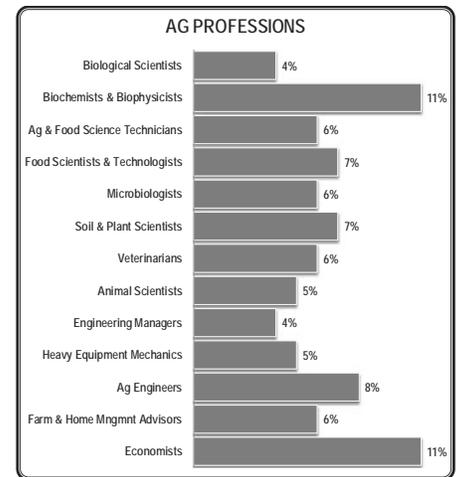
- 27,701 students
- 25,852 FFA members
- 339 programs
- 507 teachers



"As a former agricultural education student and FFA member my experiences had real-world applications. A former agricultural instructor for 23 years and now, as a high school administrator, that knowledge has come full circle. Agricultural Education brings core instruction areas like math, science, language arts and social studies to life. Agricultural education keeps learning real."
Brock Bailey, Principal,
Bowling Green High School

2014-2019

EXPECTED JOB GROWTH



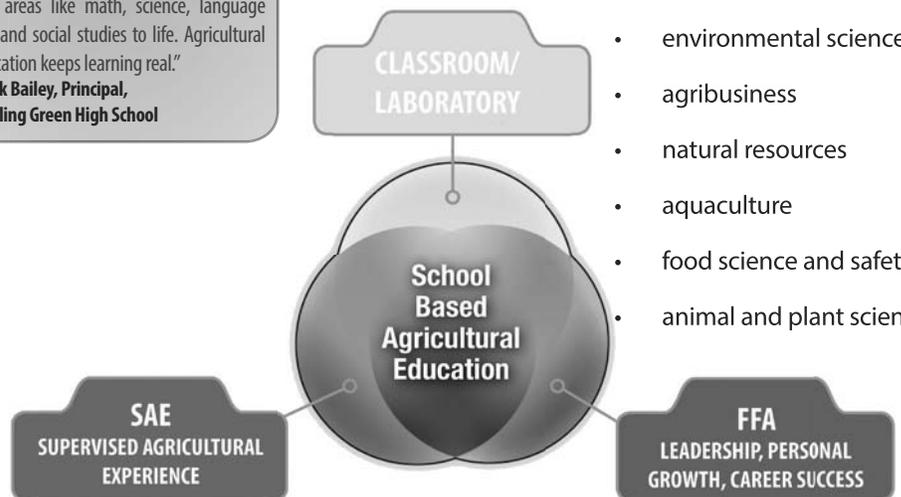
Source: STEM Food & Ag Council Annual Report 2014

INTERACTIVE CLASSROOM

An integral 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 career options.

Natural and social sciences may include:

- environmental science
- agribusiness
- natural resources
- aquaculture
- food science and safety
- animal and plant sciences



Agricultural education is a phenomenal way to prepare students for successful careers. As a young person who recently entered the professional world, I can't imagine taking on my career without my ag ed background. The combination of classroom knowledge, technical skills and real world application is paramount to preparing me for my career in agricultural communications. As a former Missouri state FFA officer and agricultural education student, I was able to embrace the necessary skills to prepare me for the future. **Samantha Warner, Communications Coordinator, Darr School of Agriculture, Missouri State University**



SUPERVISED AGRICULTURAL EXPERIENCE

Practicing the application of knowledge and skills is what a Supervised Agricultural Experience Program drives home. A student's SAE is under the direct supervision of the agricultural teacher and often involves employers or parents. This work-based learning may focus on entrepreneurship through owning and managing a business to internships to working at an agricultural business or completing an independent research project.



FFA makes a positive difference in the lives of students by developing their potential for premier leadership, personal growth and career success through agricultural education.



Classroom instruction and hands-on training through Supervised Agricultural Experience, or SAE, coupled with leadership development in FFA is every bit as relevant

today as it was when I was a student. It is a proven way to equip young people with the technical and life skills to be successful in their future professions and leaders in their communities. I credit my ag teacher and the opportunities afforded through ag education for giving me direction and confidence, and reinforcing my passion for serving others.

Garrett Hawkins, Director National Legislative Affairs, Missouri Farm Bureau

Activities that highlight and enhance the success of the interactive classroom as well as experiential, service and work-based experiences are paramount in FFA. Students engage in hands-on training for real-life skills such as:

- food science
- meat science
- public speaking
- career planning
- bio technology
- veterinary science
- agricultural sales & marketing

The interaction of the student, teacher, business manager, alumni and parent(s) helps to ensure experiential, service and/or work-based learning is relevant to each individual student's career cluster and/or career pathway. School-based agricultural education prepares students for both careers and college far beyond the traditional classroom.

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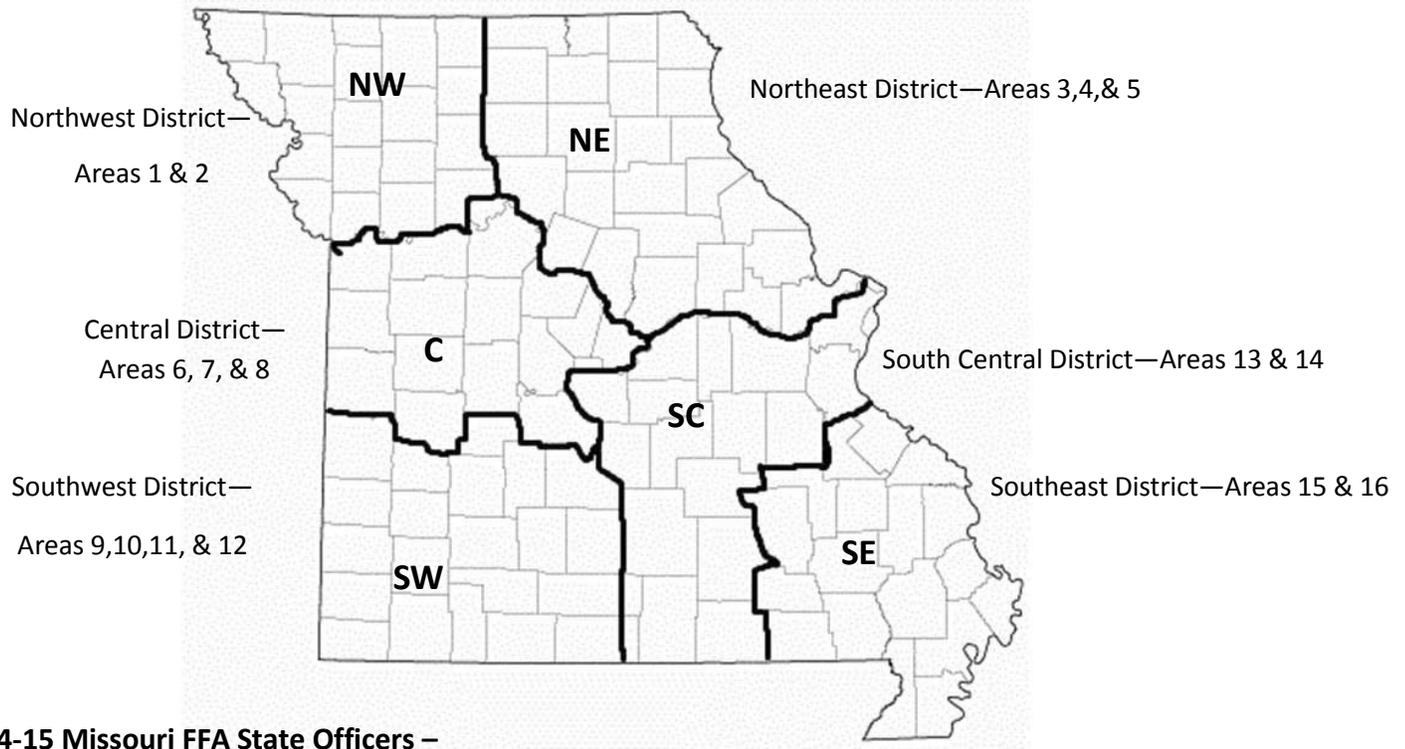
Learning to Do, Doing to Learn, Earning to Live, Living to Serve is the FFA motto. Through FFA students not only gain valuable career skills for their future, but also develop a passion for giving back to their communities.



Missouri FFA & Ag Education Facts

2015 FFA Knowledge LDE Resource

Missouri FFA Districts & Areas –



2014-15 Missouri FFA State Officers –

President, Area 4 – Cole Edwards, Salisbury

1st Vice President , Area 8, Libby Martin, California

Secretary , Area 6 – Nora Faris, Concordia

Vice President , Area 1– Morgan Walkup, East Buchanan

Vice President , Area 2 – Brandon Bothwell, Chillicothe

Vice President, Area 3 – Brock Larson, Newtown-Harris

Vice President , Area 5 – Samantha Marre, Elsberry

Vice President, Area 7 – Kelsey Elbel, Holden

Vice President, Area 9 – Claire Silvers, El Dorado Springs

Vice President, Area 10 – Ally Hultgren, Willard

Vice President, Area 11 – Yia Yang, Wheaton

Vice President, Area 12–Shaylee Wallace, Branson

Vice President, Area 13–Jaret Holden, Summersville

Vice President, Area 14 – Paul Shanks, Belle

Vice President, Area 15 – Jack Davis, Farmington

Vice President, Area 16 – Carson Priddle, Doniphan

Past President, Area 6 – Abrea Mizer, Marshall

2014-15 Missouri Agricultural Education & FFA State Staff –

Leon Busdieker - Director of Agricultural Education, State FFA Advisor

Keith Dietzschold - NW District Supervisor, State FFA Executive Secretary

Vacant - NE District Supervisor, State FFA Executive Treasurer

Lisa Evans - Central District Supervisor

David Higgins - SC & SE District Supervisor

Steven Rogers - SW District Supervisor

Missouri FFA Demographics –

Agricultural Education Enrollment – 27,701

Number of FFA Chapters – 339

2013-14 State FFA Membership – 25,852

Missouri FFA Leadership Events –

Greenhand Motivational Conferences – Held annually in January, State FFA Officers educate and motivate new FFA members to become active in the organization and set personal goals during this conference.

State FFA Convention – Held annually in Columbia during April, State FFA Convention provides an opportunity for members to gain leadership skills, compete in Career Development Events and Leadership Development Events, explore careers and educational opportunities, and receive recognition for personal and chapter achievements.

LEAD Conference for Chapter Officers – Held each May at various locations across the state, the LEAD Conference prepares chapter officer teams for their year of service through team building activities, POA planning, and developing a chapter recruitment plan.

Public Speaking Academy – Each June, FFA members can participate in this three-day event designed for speakers of all experience levels. Each student develops and presents their speech on an agricultural topic.

State FFA Leadership Camp – Held each summer for six weeks at Camp Rising Sun on the Lake of the Ozarks, State FFA Leadership Camp provide members with opportunities for personal leadership development, interaction with State FFA Officers and other members, and recreational activities.

Area Officer Institute – Each June, Area FFA Officer teams are invited to participate in AOI to develop team goals, establish officer responsibilities and gain valuable experience needed for success as Area Officers.

HYMAX Academy – Helping Youth Maximize Agricultural eXperiences, HYMAX was established as a tribute to long-time State FFA Advisor, Dr. Terry Heiman. HYMAX attendees are Greenhands who gain experience in developing an agriculture advocacy plan, tour unique agricultural operations, and develop friendships with other members.

The Leadership Adventure – Each August, students from across the state can participate in this day-long conference which is designed for personal growth and specific training in areas of character, time management, and leading others.