

Jump Starting Food & Agriculture Sector Interest: K-12



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Perspective & Vision

The global population is expected to **increase by 38%**, from 6.9 billion in 2010 to 9.6 billion in 2050. (PewResearchCenter, 2014).

The U.S. population is projected to **grow by 89 million** residents from 2010 to 2050. (PewResearchCenter, 2014).

The average American is now at least **three generations removed** from the farm. (American Farm Bureau Federation, 2015).

Farm and ranch families make up **less than 2%** of the U.S. population. (American Farm Bureau Federation, 2015).



Honoring My Agricultural Roots...

NFA, FFA & Farm Bureau Family

The Home Place: Farm, Landscaping, & Mechanics

Proverbs 22:6 – “... and I will not depart from it.”



Growing through Education

National Council of Farmer Cooperatives

Youth Ambassador

State & American FFA Degrees

Honors graduate

VA Tech Colleges of Agriculture & Life Sciences, and
Liberal Arts & Human Services

Lynchburg College School of Education
(M.Ed; PhD in 2016)

National Block and Bridle

Outstanding Senior/Member Award Finalist

Ag. Education & Alpha Zeta Honor Societies

Residential Leadership Community

Cambridge Who's Who Among Students
in American Universities & Colleges



Cultivating the Future

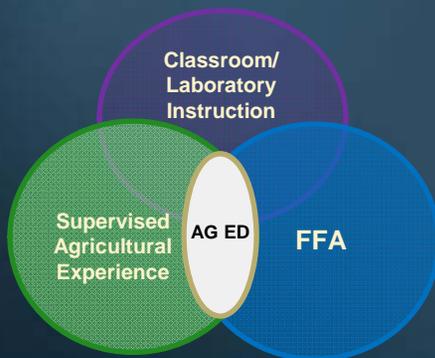


Agricultural Education (Agriscience) Teacher and FFA Advisor

335 in Virginia & 10,870 nationally

Teach about agriculture, food and natural resources

Skills: Science, Technology, Engineering, Math, Communications, Leadership, & Management



College & Career Ready



Agricultural Connections

Production & Management

- Student-led cooperatives
- Donations to local nursing homes



Agribusiness & Recordkeeping

- School gardens & farmer's markets



Workforce Development

- Career development events
- On-the-job training
- Earn proficiencies and degrees



The Impact

Top in the Nation out of 7,757 programs



Leading 629,500 FFA members



Community Development

First in National FFA & Local History

Serving Agriculture & Education

Premier Leadership

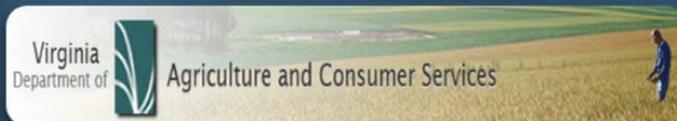
- Active member in Agricultural organizations

Personal Growth

- Participate in local, state and national expos

Career Success

- Receive industry certifications & scholarships





**Engage
Locally**

Rigor. Relevance. Results.



Expand Scope, Enhance Output

Support Emerging Leaders

- 33,300 students in VA Agricultural Education
- \$55 Billion with 350,000 jobs
- Opportunities in agriculture afforded to youth from all backgrounds



Empower Agricultural Education

Recruit and Retain Teachers

- Ag Ed National Council 10X15 goal
 - National teacher shortage > 600
- Presenting research-driven tool in 2016

Meeting with U.S. Legislators

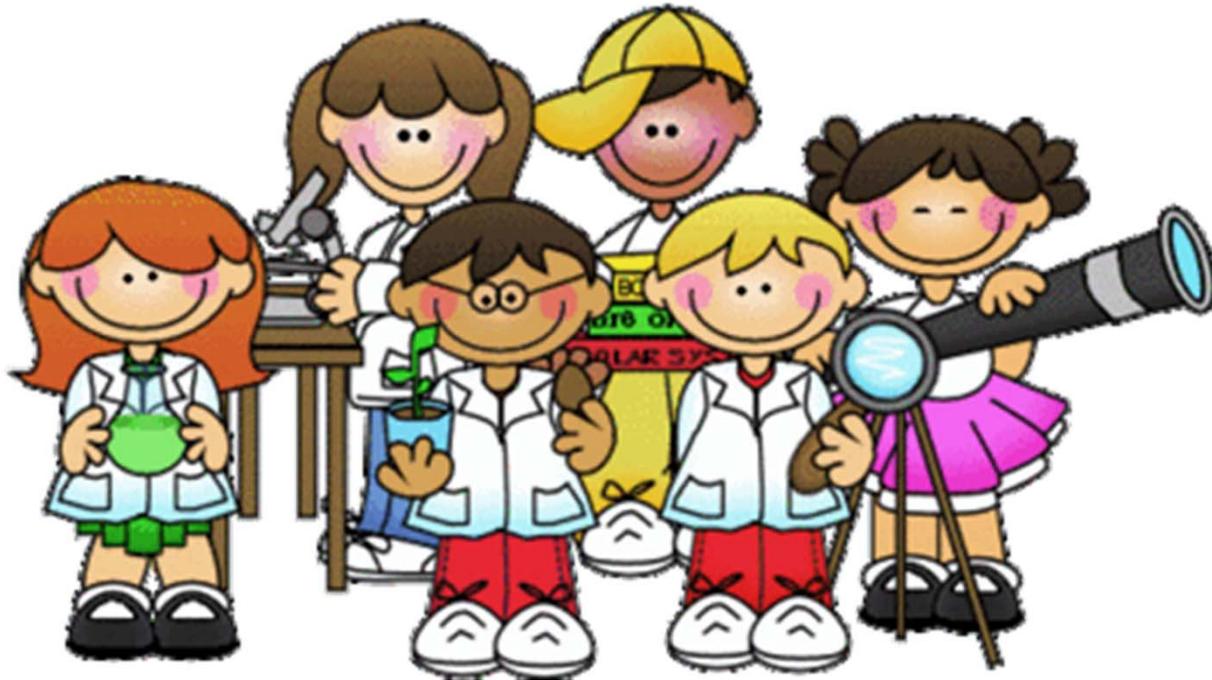
- Increasing support for Ag Ed in schools

Reinforcing STEM in Curriculum

- New coalitions for course development



Jump Start Interest – Drive Agriculture's Future



Thank You!