



United States  
Department of  
Agriculture

National Institute  
of Food  
and Agriculture

www.nifa.usda.gov  
@USDA\_NIFA



# FACTSHEET

## INVESTING IN SCIENCE | SECURING OUR FUTURE

### NATIONAL INSTITUTE OF FOOD AND AGRICULTURE

(NIFA) is the extramural science-funding agency within USDA's Research, Education, and Economics mission area. NIFA invests in and advances agricultural research, education, and extension to help solve national challenges in agriculture, food, the environment, and communities. Working with scientists and researchers around the country, NIFA makes vital contributions to science policy decision-making, often in collaboration with other Federal agencies.

## AN INTEGRATED APPROACH TO SCIENCE AT NIFA

### FOOD AND AGRICULTURAL SCIENCE AT NIFA

NIFA integrates food and agricultural science through research, education, and extension to ensure our scientific discoveries make their way into our communities, farms, and classrooms.

**RESEARCH** provides solutions to complex issues that face our nation and the world.

**EDUCATION** strengthens schools and universities to train the next generation of scientists, educators, producers, and citizens.

**EXTENSION** takes knowledge gained through research and education to the people who need it most.

## PRIORITY SCIENCE AREAS



### AGROCLIMATE SCIENCE

Sustainable agriculture and forestry-based strategies support thriving food and fiber systems and communities that are resilient to climate variability and environmental change.



### BIOECONOMY-BIOENERGY-BIOPRODUCTS

A robust bioeconomy enhances communities, job growth, agricultural production, and contributes to U.S. competitiveness.



### EDUCATION AND MULTICULTURAL ALLIANCES

Education and workforce development programs empower science, technology, engineering, and mathematics students with the knowledge and skills they'll need to address challenges and to capitalize on future opportunities in the global agriculture industry.



### ENVIRONMENTAL SYSTEMS

Conserving natural resources and improving ecosystem services promotes resilience and agroecosystem sustainability.



### FAMILY & CONSUMER SCIENCES

Advancing socio-economic potential and empowering people ensures the well-being of the agricultural workforce, their families, and the communities they serve.



### FOOD SAFETY

Food safety programs improve the safety and quality of the U.S. food supply for a healthy population and better quality of life.



### HUMAN NUTRITION

Improving the quality, diversity, and access to nutritious foods in the U.S. food supply, results in better quality of life and overall wellbeing.



### SUSTAINABLE AGRICULTURAL PRODUCTION SYSTEMS

NIFA supports programs that improve our nation's food security through increased production efficiencies and profitability while enhancing environmental stewardship and quality of life.



### YOUTH DEVELOPMENT

Positive youth development science prepares the nation's youth with the 21st century skills they'll need to be successful, healthy, and productive members of society.

## LEADERSHIP

J. Scott Angle, *Director*

## ENGAGE

Web: [www.nifa.usda.gov](http://www.nifa.usda.gov)  
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## MISSION

Invest in and advance agricultural research, education, and extension to solve societal challenges.

## VISION

Catalyze transformative discoveries, education, and engagement to address agricultural challenges.

## IMPACTS

To learn more about NIFA's impact on agricultural science (searchable by state or keyword), visit [www.nifa.usda.gov/impacts](http://www.nifa.usda.gov/impacts).

## BUDGET

Total FY19.....	\$1,702,624,000
Research and Education .....	937,632,000
Extension.....	505,692,000
Integrated.....	38,000,000
Mandatory and Endowment.....	216,300,000

## PARTNER LAND-GRANT INSTITUTIONS

Total .....	113
1862 Land-Grant Universities .....	57
1890 Land-Grant Universities .....	19
1994 Land-Grant Universities .....	37