

FACTSHEET

INVESTING IN SCIENCE | SECURING OUR FUTURE

NATIONAL INSTITUTE OF FOOD AND AGRICULTURE (NIFA) advances agricultural sciences by investing in research, extension, and education activities across the country. Since the Food, Conservation, and Energy Act of 2008 (the 2008 Farm Bill) authorized its creation, NIFA has taken significant strides toward enhancing the impact of food and agricultural sciences. NIFA partners with the Land-grant University System and collaborates with leading scientists, policymakers, experts, and educators in organizations throughout the world to find innovative solutions to the most pressing local, national, and global problems.

NIFA-supported programs ensure the long-term viability of agriculture while addressing major challenges such as climate change, food and nutrition security, food systems sustainability, and a diverse workforce for the agricultural enterprise. NIFA’s integrated approach allows groundbreaking discoveries and technologies to reach the people who can put them into practice.

SCIENCE AREAS

ENVIRONMENTAL SYSTEMS AND CLIMATE CHANGE

NIFA supports programs that conserve natural resources and improve ecosystem services while promoting resilient and sustainable agro ecosystems to mitigate and adapt to climate change.

ECONOMIC PROSPERITY THROUGH BIO-BASED INNOVATION

NIFA invests in the expansion of a robust and sustainable bioeconomy to enhance communities, job growth, and contribute to U.S. competitiveness in a carbon-neutral economy.

EDUCATION AND EQUITY IN AGRICULTURAL SCIENCES

NIFA fosters education and workforce development for empowering the agricultural sciences, technology, engineering, and mathematics workforce and enhances opportunities for underserved communities.

HUMAN SCIENCES

NIFA supports programs to help ensure the well-being of the agricultural workforce, their families, and the communities they serve.

FOOD SAFETY

NIFA supports food safety programs that improve the safety and quality of the U.S. food supply for a healthy population and improved quality of life.

HUMAN NUTRITION AND NUTRITIONAL SECURITY

NIFA’s programs aim to improve quality, diversity, and access of nutritious foods in the U.S. food supply, resulting in improved quality of life for underserved communities.

SUSTAINABLE AGRICULTURAL PRODUCTION SYSTEMS

NIFA invests in science and technology development to improve our nation’s ability to achieve food security through increased production efficiencies and profitability while enhancing environmental stewardship in a changing climate

4-H AND YOUTH DEVELOPMENT

NIFA fosters positive youth development that provides our nation’s youths with the 21st century skills needed to be successful, healthy, and productive members of society.

LEADERSHIP

Carrie Castille, Director

ENGAGE

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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, visit www.nifa.usda.gov/impacts.

BUDGET

Total FY21	\$1,951,423,120
Research and Education	1,020,476,120
Extension	545,947,000
Integrated	39,000,000
Mandatory and Endowment ..	346,000,000

PARTNER LAND-GRANT INSTITUTIONS

Total	112
1862 Land-Grant Universities	57
1890 Land-Grant Universities	19
1994 Land-Grant Universities	36