

- Food and health
- Enhancing profitability in agriculture and natural resources
- Environmental stewardship, natural resources policy and management
- Secure food and fiber systems
- Families and community vitality

- Leading global research on legumes and food security
- Developing tools to help farmers fight invasive insects and pests
- Creating methods to control development of food allergies
- Helping to improve science communication to better inform the public
- Working to find a cure for chronic wasting disease
- Mitigating the effects of bovine leukemia virus



- Developing new cropping systems to help Michigan vegetables survive extreme weather
- Improving genetic selection in animal production for safer group housing
- Breeding new crops to better meet consumer preferences

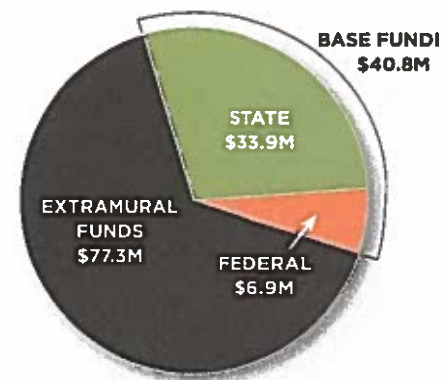


## RESEARCH CENTERS

[agbioresearch.msu.edu/centers](http://agbioresearch.msu.edu/centers)



## FINANCE & OPERATIONS



### FISCAL YEAR 2017-2018

Budget: \$118.1M • State: \$33.9M • Federal: \$6.9M

Base funding \$40.8M

Extramural funds (contracts and grants): \$77.3M

Primary sources of extramural funding: USDA, USAID, NIH, NSF, State of Michigan, industry, foundations



Research is both applied and basic and heavily dependent on input from our constituents. Emphasis is placed on interdisciplinary endeavors.

- Agriculture and Natural Resources
- Natural Science
- Engineering
- Veterinary Medicine
- Social Science
- Communication Arts and Sciences
- Arts and Letters
- Osteopathic Medicine

**RESEARCHERS**  
 Our more than 340 researchers come from eight different colleges across the MSU campus:



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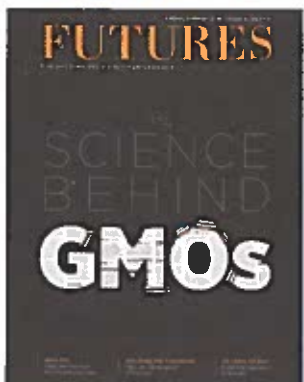
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**MISSION**  
 The mission of MSU AgBioResearch is to conduct leading-edge research that combines scientific expertise with practical experience to generate economic prosperity, sustain natural resources and enhance the quality of life in Michigan and around the world. Our success is based on outstanding partnerships with industry, MSU Extension, commodity organizations, governmental agencies and exceptional legislative support at the state and federal levels.

Founded in 1888



**Michigan State University**  
*Spartans work to advance the common good in uncommon ways.*  
*The nation's pioneer land-grant university, MSU is one of the top research universities in the world.*

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**HISTORY**  
 Founded on Feb. 26, 1888, as the Michigan Agricultural Experiment Station, Michigan State University (MSU) AgBioResearch is part of a nationwide network of agricultural experiment stations created after the passage of the Hatch Act to help benefit farmers. In 1925, the Purnell Act added agricultural economics, rural sociology and home economics to the mission. Today, the focus of MSU AgBioResearch has broadened to include a full spectrum of research on food, energy and the environment.



AgBioResearch

**AT A GLANCE**  
**AgBioResearch**  
**2019**

**MICHIGAN STATE UNIVERSITY**