

Rooted in Research, Driven by Innovation.

From Missouri discovery to global impact

At the University of Missouri's College of Agriculture, Food and Natural Resources (CAFNR), innovation is rooted in purpose. We deliver solutions that transform what we eat, where we live and how we thrive. Our faculty, staff and students are problem-solvers who turn bold ideas into real-world progress.

The Missouri Agricultural Experiment Station (MOAES) takes this innovation from on-campus laboratories to nearly 14,000 acres statewide, where research becomes reality and discovery drives change. Through cutting-edge research, technology development and hands-on learning, CAFNR is cultivating the next generation of leaders ready to meet Missouri's needs and help create a healthier world.



Driving Missouri's No. 1 Industry

Agriculture fuels nearly \$94 billion in impact across the state and CAFNR research strengthens its growth, sustainability and innovation.



From Discovery to Impact

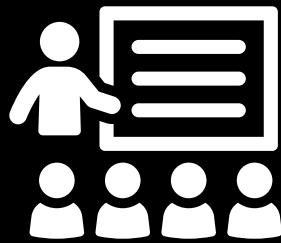
CAFNR researchers turn ideas into real-world solutions, improving agriculture, food systems and human health.



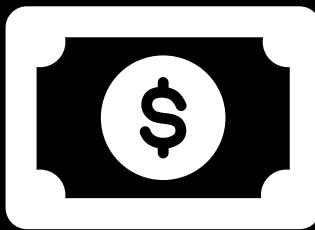
Collaboration That Fuels Innovation

Faculty, staff, students and partners unite through the CAFNR Research Council and events like the CAFNR Research Symposium to advance innovation together.

Driving Impact by the Numbers



660+ CAFNR FACULTY, STAFF & ACADEMIC ASSOCIATES



\$89 MILLION IN ANNUAL RESEARCH EXPENDITURES

\$94 BILLION ANNUAL ECONOMIC IMPACT OF MISSOURI AGRICULTURE



Results from the CAFNR RESEARCH POWERHOUSE

Soyleic™ Soybeans

Heart-healthy soybean innovation, oleic acid raised from 20% to 80%, adopted worldwide.

Soybean Cyst Nematode Resistance

SCN causes \$1.5B in annual losses; Mizzou researchers identified a resistance gene to help protect soybean yields.

PRRS Virus Breakthrough

Mizzou researchers developed gene-edited pigs resistant to PRRS, a swine virus causing \$1.2B in annual losses.

Show-Me-Select™ Heifer Program

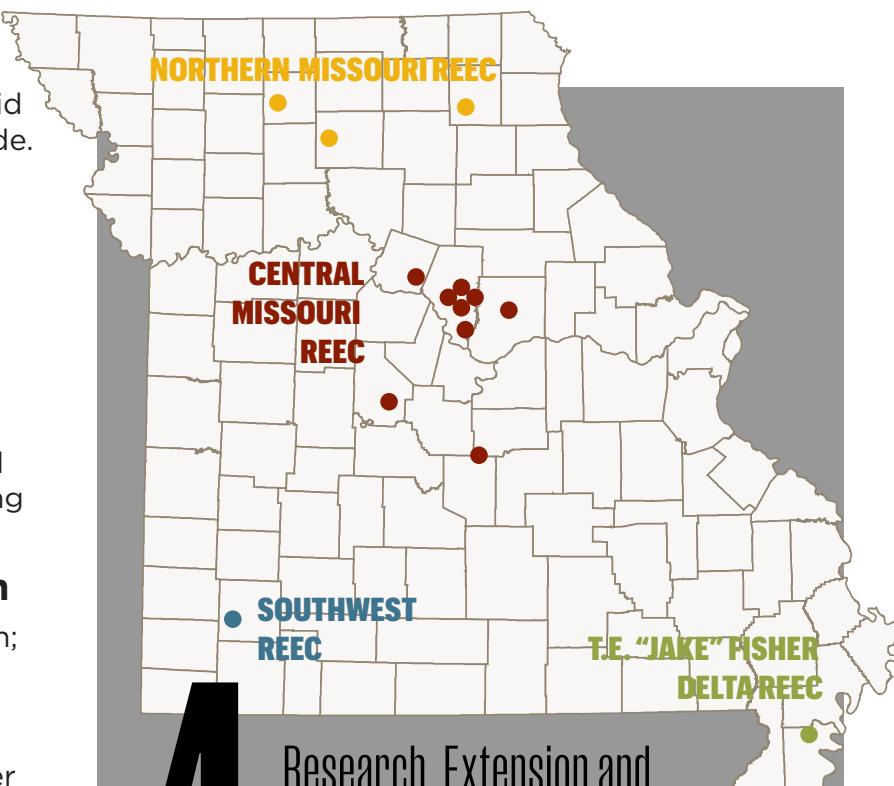
Improving heifer genetics and reproduction; over \$200M in impact statewide.

Natural Food Colorants

Creating safe, natural colorants for healthier foods.

Beyond Meat Innovation

Mizzou innovation behind Beyond Meat's plant-based success.



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Research, Extension and Education Centers across the state

Nearly **14,000 acres** to solve unique regional agricultural challenges