



U.S. DEPARTMENT OF AGRICULTURE

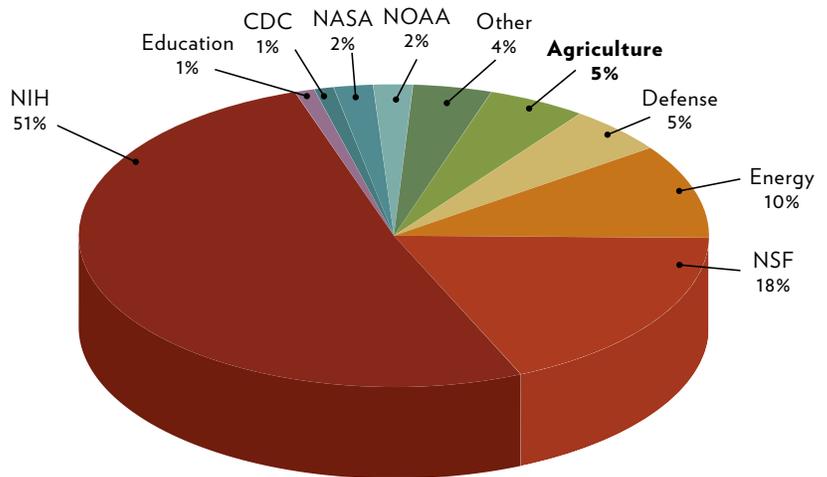
UW-MADISON: RANKED #8 NATIONALLY WITH \$1.3 BILLION IN ANNUAL RESEARCH EXPENDITURES

The U.S. Department of Agriculture (USDA) provides leadership on food, agriculture, natural resources and rural development. UW-Madison provides essential research, education, and public outreach that sustains U.S. food, fiber, and renewable fuel production. The most significant funding source is the federal-state partnership managed by the National Institutes of Food and Agriculture (NIFA). UW-Madison also receives substantial support from the Agriculture and Food Research Initiative (AFRI).

At UW-Madison, USDA funding supports research, education, and extension activities, including agriculture, farm efficiency and profitability, and renewable energy.

\$31.8 million

Dept. of Agriculture federal research awards at UW-Madison in 2019-20



EXAMPLES OF USDA RESEARCH AT UW-MADISON

School of Pharmacy

Controlling potato blight with the environment: As the third-largest tuber producer in the country, Wisconsin's potato farmers are greatly at risk of plant diseases such as late blight, which played a big role in the Irish potato famine. UW-Madison researchers are testing the viability of Janthinobacterium — known as "AK" soil bacterium — as a bio-protectant against potato pathogens in the field. Testing will be conducted in potted soil as an initial indicator of the bacterium's potential use in the field. The research could result in environmentally sound control of water-mold potato pathogens such as late blight.

College of Agricultural and Life Sciences

Improving the fruit quality of Wisconsin's top crop: As the cranberry market shifts from juice to products such as dried cranberries, the industry needs to produce more higher-quality fruit. Almost 20 percent of cranberries are unusable as dried fruit and turned into juice concentrate, which commands a lower price in an already oversaturated market. The Vaccinium Coordinated Agricultural Project is studying blueberries and cranberries, part of the Vaccinium genus, with a goal of improving the fruit and its products. The result may lead to the development of fruit that is more suitable and sustainable for the dried cranberry market. [Read more online.](#)

WHY UNIVERSITY RESEARCH MATTERS

By supporting the USDA, you support the discovery of interdisciplinary solutions needed to address today's complex agricultural, food, and fuel challenges.

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