

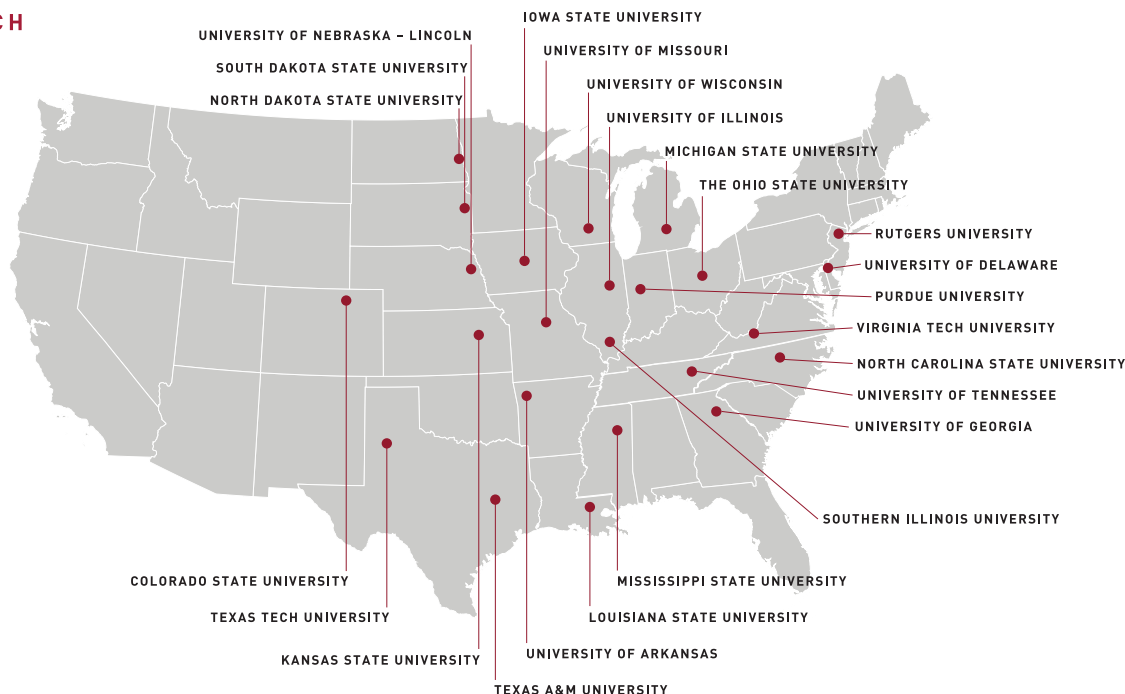
2019 University Initiatives: Driving Innovation and Educating New Scientists



MULTI-YEAR RESEARCH FUNDING

Bayer is committed to:

- + Supporting and working alongside university researchers on various crop protection-related initiatives.
- + Providing grants and sponsorships to many Land Grant Universities across soybean- and cotton-producing states to support crop protection research, education and understanding of dicamba technology.



BY THE NUMBERS

APPROXIMATELY

\$1.5M

Grants and scholarships

24

University partners supporting continuing education

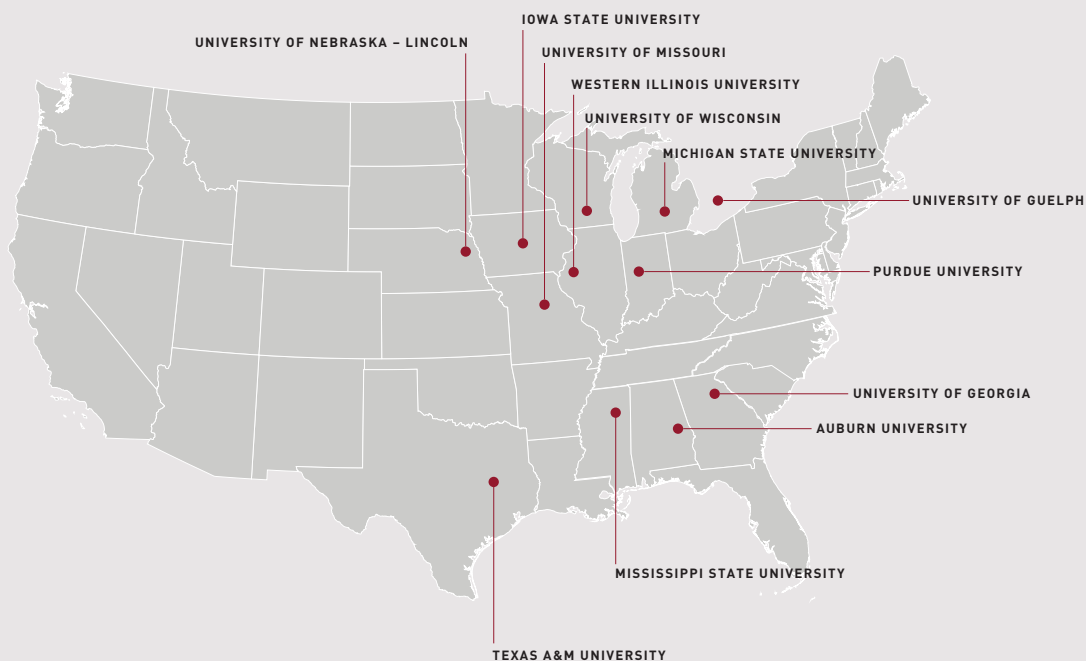
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States trialing integrated weed management and the role of dicamba on cotton and soybeans

2019 XTENDIMAX® HERBICIDE WITH VAPORGRIP® TECHNOLOGY TRIALS*

Bayer is collaborating with 12 university programs throughout North America to:

- + Conduct research on current and future dicamba formulations containing VaporGrip Technology.
- + Generate additional localized data and more knowledge about low-volatility dicamba technology.



*XtendiMax® Herbicide with VaporGrip® Technology is a restricted use pesticide

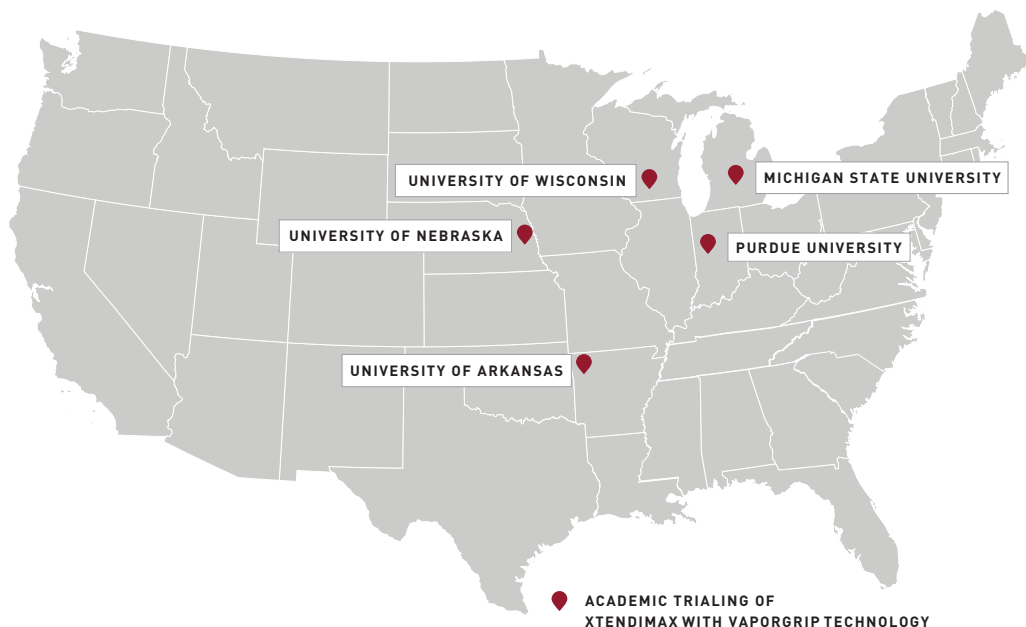
In 2018, Initiatives Supported Weed Management Research, Education & Trialing with Academic Universities

UNIVERSITY RESEARCH WAS REVIEWED IN THE EPA'S RE-REGISTRATION OF XTENDIMAX® HERBICIDE WITH VAPORGRIP® TECHNOLOGY, A RESTRICTED USE PESTICIDE

The EPA considered extensive research from universities across the U.S.

Academic research summary:

- + Led extensive drift and volatility field trials
- + Reported directly to the EPA
- + Helped determine label requirements
- + Enabled a broad range of growing conditions and diverse data
- + Reinforced the protocol

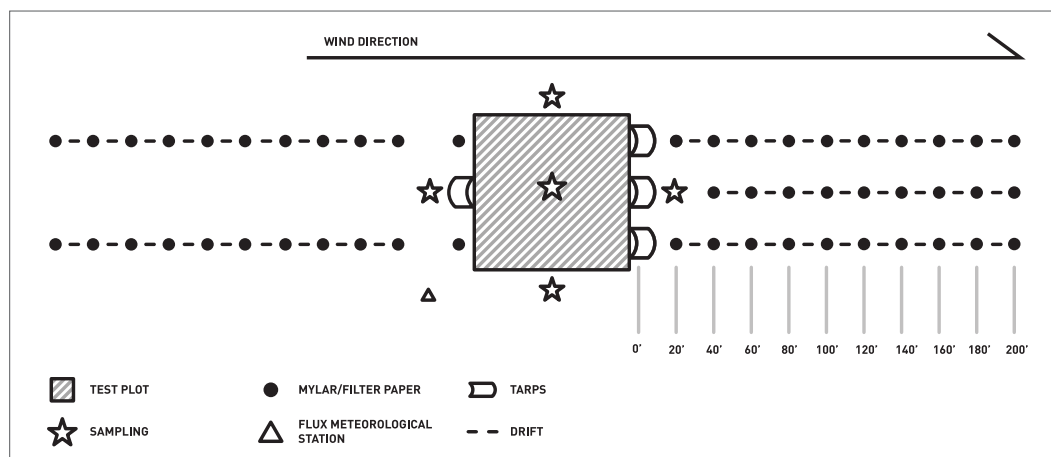


XTENDIMAX WITH VAPORGRIP TECHNOLOGY OFF-TARGET MOVEMENT TRIAL LARGE-FIELD PLOT LAYOUT

During the 2018 season, academic partners trialing XtendiMax with VaporGrip Technology utilized the following field trial protocol.

OBJECTIVES

1. Confirm soybean performance in the Roundup Ready® Xtend Crop System
2. Optimize dicamba for management of troublesome weeds
3. Prepare dicamba tank mixes for pest control (weeds and insects)
4. Assess the mechanisms of dicamba weed resistance
5. Leverage integrated weed management systems



XtendiMax® herbicide with VaporGrip® Technology is part of the Roundup Ready® Xtend Crop System and is a restricted use pesticide. ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS. It is a violation of federal and state law to use any pesticide product other than in accordance with its labeling. XtendiMax® herbicide with VaporGrip® Technology and products with XtendFlex® Technology may not be approved in all states and may be subject to use restrictions in some states. Check with your local product dealer or representative or U.S. EPA and your state pesticide regulatory agency for the product registration status and additional restrictions in your state. For approved tank-mix products and nozzles visit XtendiMaxApplicationRequirements.com.

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