

# News Release

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## **BASF opens global Agrochemical Application Research Center**

- **Continuous emphasis on crop protection application stewardship**
- **Support farmers worldwide with best practices for on-target applications**
- **Quicker response to growers needs for new technology addressing buffer zones and tank mix combinations**

Research Triangle Park, North Carolina – BASF opened its new global Agrochemical Application Research Center (AARC) in Research Triangle Park, North Carolina, USA. The facility will help to further optimize stewardship guidelines regarding on-target application of BASF crop protection products used worldwide. Research conducted at the facility will also address application buffer zones for the company's products as well as specific tank mix combinations.

“The new Research Center will help us bring new technologies to growers that reduce drift, use rates and fulfill required regulatory testing,” said Paul Rea, Senior Vice President North America, BASF's Agricultural Solutions division. “Additionally, research from the facility will provide our Technical Service teams with guidelines to help educate our customers on proper application and stewardship best practices.”

The AARC contains a wind tunnel to test the drift potential from spray applications by measuring the droplet size distribution in each crop protection product. Solutions being analyzed are sprayed into a controlled air stream using the same nozzles available to growers. Droplet size distribution is important because it is used to

predict the size of land buffers that are required for acceptable product application in commercial settings. Knowing proper application constraints will mitigate the risk of off-target movement and subsequent crop symptomology or injury in downwind locations.

“The Application Research Center allows us to identify the most promising early stage technology under highly realistic application conditions, so we can better tailor further development,” said Jürgen Huff, Senior Vice President Research and Development Crop Protection, BASF’s Agricultural Solutions division. “We will continue to emphasize and support application stewardship to growers and develop best practices to apply the formulations in a commercial setting.”

To learn more about BASF’s commitment to sustainable agriculture, click [here](#).

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#### **About BASF’s Agricultural Solutions division**

With a rapidly growing population, the world is increasingly dependent on our ability to develop and maintain sustainable agriculture and healthy environments. Working with farmers, agricultural professionals, pest management experts and others, it is our role to help make this possible. That’s why we invest in a strong R&D pipeline and broad portfolio, including seeds and traits, chemical and biological crop protection, soil management, plant health, pest control and digital farming. With expert teams in the lab, field, office and in production, we connect innovative thinking and down-to-earth action to create real world ideas that work – for farmers, society and the planet. In 2018, our division generated sales of €6.2 billion. For more information, please visit [www.agriculture.basf.com](http://www.agriculture.basf.com) or any of our social media channels.

#### **About BASF**

At BASF, we create chemistry for a sustainable future. We combine economic success with environmental protection and social responsibility. The approximately 122,000 employees in the BASF Group work on contributing to the success of our customers in nearly all sectors and almost every country in the world. Our portfolio is organized into six segments: Chemicals, Materials, Industrial Solutions, Surface Technologies, Nutrition & Care and Agricultural Solutions. BASF generated sales of around €63 billion in 2018. BASF shares are traded on the stock exchange in Frankfurt (BAS) and as American Depositary Receipts (BASFY) in the U.S. Further information at [www.basf.com](http://www.basf.com).