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## Joint news release

# **BASF and trinamiX introduce Mobile NIR Spectroscopy Solution to the feed industry**

**October 12, 2021 - Ludwigshafen, Germany** – BASF Animal Nutrition and trinamiX GmbH, a wholly owned subsidiary of BASF SE, join forces to introduce trinamiX' Mobile Near Infrared (NIR) Spectroscopy Solution to the feed industry. With today's launch, the portable NIR solution provides customers across the entire value chain with a fast and reliable on-site analysis of animal feed and ingredients.

By significantly miniaturizing conventional NIR spectroscopy, trinamiX has successfully paved the way for a high-performance 'lab in the pocket'. Together with BASF, the company is now using their solution to accelerate and simplify feed analysis. The collaboration brings together BASF's animal nutrition knowledge and trinamiX' expertise in mobile NIR spectroscopy. The result is a powerful, cloud-based combination of a handheld device, smartphone app, and customer portal which enables customers to receive relevant insights into the quality and nutritional value of samples at the push of a button. The solution thus enhances feed formulation and quality control. Through this partnership, BASF Animal Nutrition is expanding its digital solutions portfolio, thereby providing customers with solutions that go beyond feed additives to address the industry's most complex challenges.

"Gaining transparency on the nutrient composition of feed is key when addressing livestock requirements. Differing needs across life and health stages as well as changing raw materials require constant dietary adjustments. Using our mobile NIR solution, feed millers, nutritionists, and farmers get a fast and independent solution to guarantee the quality of animal diets," says Manuel Rez, Director Product Management Performance Ingredients & Marketing at BASF Animal Nutrition.

The new NIR solution covers a broad variety of samples, ranging from feed ingredients to finished feed to forage. It supports parameters that are crucial to feed quality and the wellbeing of livestock, including moisture, protein, fat, and energy.

"By combining accurate results with the flexibility of a portable device which fits into your pocket, we are paving the way for an efficient and reliable approach to feeding," explains Nils Mohmeyer, Head of Business Development and Sales Spectroscopy at trinamiX. Measuring a sample takes less than a minute and can be performed on the spot. The results are instantly displayed in the smartphone app and are permanently accessible via trinamiX' web-based customer portal for further evaluation. "Our customers no longer need to send samples to the laboratory. Instead, the laboratory comes to them," Mohmeyer adds.

Going forward, BASF and trinamiX will continue to collaborate on further enhancing the solution. Continuous updates via cloud ensure that upcoming applications and features are always available to customers without replacing the hardware.

**For more information about where and how to purchase the solution please contact Gerd Diebold ([gerd.diebold@basf.com](mailto:gerd.diebold@basf.com)) or Nils Mohmeyer ([nils.mohmeyer@trinamiX.de](mailto:nils.mohmeyer@trinamiX.de)).**

### **About BASF**

At BASF, we create chemistry for a sustainable future. We combine economic success with environmental protection and social responsibility. More than 110,000 employees in the BASF Group contribute 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 €59 billion in 2020. 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)

### **About trinamiX**

trinamiX GmbH develops and sells cutting-edge 3D vision and infrared sensing solutions for use in both consumer electronics devices and industrial designs. The company's products enable humans and machines to better capture data with the goal of understanding the world around us. This results in improved decision-making as well as stronger biometric security. trinamiX, based in Ludwigshafen (Germany) was founded in 2015 as a wholly owned subsidiary of BASF SE. The company employs more than 170 people worldwide. Further information at [www.trinamiXsensing.com](http://www.trinamiXsensing.com).

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