

News Release



BASF Animal Nutrition launches new glycinate product line

- **BASF's organically-bound trace elements with extraordinary high degree of complexation**
- **Superior production process guarantees outstanding quality**

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Ludwigshafen, Germany - August 26, 2014 - Efficient solutions for balanced growth – with its new globally launched glycinate product line BASF Animal Nutrition demonstrates once again how to address future challenges in livestock feeding. Trace elements are essential for the vitality and productivity of animals. Added to animal feed, they serve for example to strengthen immune functions and thus animal welfare. Organically-bound trace elements like glycinate are highly bioavailable. BASF's solution leaps even further: The new glycinate product line shows an extraordinary high degree of complexation.

"The degree of complexation of our glycinate, which directly reflects in bioavailability and water solubility, goes up to 95% - this is an outstanding outcome," said Chris Rieker, who heads BASF's global business Animal Nutrition. "With the right ideas, every aspect of animal nutrition can be made better and less straining, financially and environmentally. This time, our idea comes in particles."

BASF's glycinate series includes copper, iron, manganese and zinc. Because of their high bioavailability, they optimally supply the animal with trace elements, and the environment benefits from less

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excreted trace elements. Other advantages can be traced back to the superior production process: The uniform glycinate particles contain a constant content of trace elements. Furthermore, they show excellent flowability, miscibility and water solubility. They are odorless and extremely easy to handle, as the particles do not lump or raise dust.

BASF glycinate is suitable for all types of premixes, mineral and mixed feeds. The flowability and mixing behavior of the product eases homogeneous distribution in all types of feed. Find out more on www.animal-nutrition.basf.com.

About BASF Nutrition & Health

BASF Nutrition & Health provides a comprehensive product and service portfolio for the human and animal nutrition, pharmaceutical and flavor & fragrance industries. With innovative solutions and modern technologies we help our customers to improve their business efficiency and the sustainability of their products. Our human nutrition solutions include vitamins and carotenoids, plant sterols, emulsifiers and omega-3 fatty acids. Vitamins and carotenoids form also an important part of our animal nutrition portfolio, as well as other feed additives like trace elements, enzymes and organic acids. We provide the pharmaceutical industry with active ingredients such as caffeine and ibuprofen, various excipients and custom synthesis services. Furthermore, we offer aroma ingredients such as citral, geraniol and L-menthol. BASF Nutrition & Health operates sites in Europe, North America, South America and in Asia-Pacific.

About BASF

BASF is the world's leading chemical company: The Chemical Company. Its portfolio ranges from chemicals, plastics, performance products and crop protection products to oil and gas. We combine economic success with environmental protection and social responsibility. Through science and innovation, we enable our customers in nearly every industry to meet the current and future needs of society. Our products and solutions contribute to conserving resources, ensuring nutrition and improving quality of life. We have summed up this contribution in our corporate purpose: We create chemistry for a sustainable future. BASF had sales of about €74 billion in 2013 and over 112,000 employees as of the end of the year. BASF shares are traded on the stock exchanges in Frankfurt (BAS), London (BFA) and Zurich (AN). Further information on BASF is available on the Internet at www.basf.com.