

**Zeichen: 1.809 (+670)**

**Direvo validates BluZy™ technology in collaboration with US Center for Crops Utilization Research**

**Cologne, Germany, December 18, 2012.** Direvo Industrial Biotechnology GmbH successfully completed the scale up of its first two products BluZy™-D and BluZy™-P in collaboration with the Center for Crops Utilization Research (CCUR) and the BioCentury Research Farm (BCRF) at Iowa State University.

A team led by Dr. Larry Johnson, director of CCUR and BCRF, conducted lab-scale and pilot-scale trials to test the effects of the enzyme technology on ethanol production and processed samples of enzyme-modified DDGS and unmodified DDGS for analytical and nutritional comparison purposes.

From this work, Direvo validated the performance of BluZy™-D that substantially improved nutritional value as compared to commercially available DDGS. The production was further scaled up at BCRF where more than one ton of DDGS was produced for further evaluation in broiler feeding trials at major universities in the US.

BluZy™-P the second product of Direvo's BluZy™ product development platform was also evaluated by the experts at BCRF. BluZy™-P improved process efficiency of ethanol production at multiple steps and significantly simplified back end oil separation.

"The pilot-scale facilities for dry-grind ethanol production at BCRF offered Direvo the ideal opportunity to test this new and unique technology prior to full-scale production," said Klaudija Milos, Vice President Business Unit Industrial Solutions. "Our recent project results demonstrate the validity of our technologies and the economic benefit for two large industries in the US, ethanol and animal production."

Direvo will be exploring various industry opportunities as it proceeds in scaling up the BluZy™-Technology for commercial operations.

**About Direvo Industrial Biotechnology GmbH:**

Direvo is a biotechnology company with focus on the biomass conversion industry. Direvo identifies bottlenecks and weaknesses in current industrial processes in this sector and develops and implements biology-based solutions together with large and small industrial partners. Direvo's products are newly designed enzymes and microorganisms of the highest quality that provide easy-to-implement, cost-effective solutions. Direvo's contribution assures that partners stay competitive and profitable while supporting them to make the future cleaner, greener and safer. More information about Direvo is available on [www.direvo.com](http://www.direvo.com).

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