



## Taurus Energy

2017-03-29

### **Quad County Corn Processors to evaluate XyloFerm® on industrial scale**

**Quad County Corn Processors, Galva, Iowa, Lallemand Biofuels & Distilled Spirits and Taurus Energy has agreed to evaluate XyloFerm in the Cellerate™ process on industrial scale.**

After preliminary lab-scale trials of XyloFerm in the Cellerate™ process and obtained GRAS status for the XyloFerm yeast strain Quad County Corn Processors, Lallemand Biofuels & Distilled Spirits and Taurus Energy has agreed to proceed to industrial scale trials, performing a series of tests in 385 000 gallon fermentation vessels. The trials will begin in April and will investigate the scale-up effects on technical and economic factors.

*" We are excited to now being able to add a C5 yeast as the final piece of the puzzle to maximize plant productivity with our patented Cellerate™ process" , says Delayne Johnson, CEO of QCCP.*

Lallemand Biofuels & Distilled Spirits will supply XyloFerm in the form of Stabilized Liquid Yeast (SLY) and dosing system to Quad County Corn Processors for the trial, as well as provide on-site support during the trial.

#### **About Cellerate™**

Cellerate™ process technology allows for production of cellulosic ethanol from corn kernel fiber. In 2014, Syngenta announced an agreement with Cellulosic Ethanol Technologies, LLC, a wholly-owned subsidiary of Quad County Corn Processors (QCCP), to be the exclusive marketer of Cellerate process technology to ethanol plants in North America. The process has been shown to boost ethanol production by 26 % (20% throughput increase and 6% yield increase) when used in combination with Syngenta's Enogen® corn.

#### **About Quad County Corn Processors**



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Quad County Corn Processors is a 35 million gallon per year corn starch ethanol production facility in Galva, Ida County, Iowa. Founded in 2000, Quad County is a cooperative that is owned by 353 shareholder members. Today, the company employs 40 full-time employees who operate the plant 24 hours a day. In addition to producing millions of gallons of clean burning ethanol and valuable corn oil, Quad County consumes 12.5 million bushels of corn annually and manufactures 250,000 tons of Golden Bran® feed co-products for the livestock industry. The company also operates an ethanol trans-load railroad facility in Cherokee.

For more information, visit the company's website at <http://www.Quad-County.com> or call Delayne Johnson at 712-282-4628.

### **About Lallemand Biofuels & Distilled Spirits**

Lallemand Biofuels & Distilled Spirits (LBDS) is a business unit of the Canadian yeast and bacteria producer Lallemand, Inc. Based in Duluth, GA, Lallemand Biofuels & Distilled Spirits is a leading supplier of fermentation ingredients and value creating services to the global fuel ethanol and distilled beverage industries.

For more information, please visit [www.lallemandbds.com](http://www.lallemandbds.com)

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### **About Syngenta**

Syngenta is a leading agriculture company helping to improve global food security by enabling millions of farmers to make better use of available resources. Through world class science and innovative crop solutions, our 28,000 people in over 90 countries are working to transform how crops are grown. We are committed to rescuing land from degradation, enhancing biodiversity and revitalizing rural communities. To learn more visit [www.syngenta.com](http://www.syngenta.com) and



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## About Taurus Energy AB

Taurus Energy AB is a research and development company, which aims to commercialize its extensive research and development program in the field of ethanol production. Since 2006, the company's mission has been to license energy producers to use the methods developed by the company on a global market. Taurus Energy holds over 10 patent families, which have been developed with the help of around 20 internationally recognized scientists. Taurus Energy is listed on the Aktietorget equities market.

For more information, please visit [www.taurusenergy.eu](http://www.taurusenergy.eu)

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