



NEWS RELEASE

Green Plains and Tharaldson Ethanol Announce Successful Start-Up of MSC™ System

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OMAHA, Neb.--(BUSINESS WIRE)-- Green Plains Inc. (NASDAQ:GPPE) and joint venture partner Tharaldson Ethanol today announced that the world's largest MSC™ system to date at Tharaldson's 175 million-gallon biorefinery in Casselton, North Dakota is producing and shipping on-spec product. Leveraging MSC™ technology from Fluid Quip Technologies, it expands the production of Ultra-High Protein, a high-quality protein ingredient, providing superior nutrition solutions for pet, aquaculture and other animal feed markets with up to a 40% lower carbon-intensity than competing products.

"The successful start-up of the MSC system at our turnkey partner Tharaldson Ethanol marks a significant milestone in the production of Ultra-High Protein," said Todd Becker, President and CEO of Green Plains. "Achieving higher renewable corn oil yields and expanding protein production not only strengthens our product portfolio but also reinforces our position as a leading producer of innovative low-CI high-protein feed ingredients."

In addition to producing higher protein ingredients, the MSC™ system has allowed Tharaldson to achieve record renewable corn oil yields. Green Plains is dedicated to maximizing the value of every kernel of corn, contributing more low-carbon intensity feedstocks for advanced biofuels including renewable diesel, biodiesel and sustainable aviation fuel.

"This achievement is a testament to the hard work and collaboration between Green Plains and Tharaldson," said Ryan Carter, COO of Tharaldson Ethanol. "We are excited to be producing Ultra-High Protein, and are already seeing increased corn oil production, a testament to the robust technology portfolio at Fluid Quip Technologies."

Fluid Quip Technologies provided the MSC™ technology as well as the engineering, design, procurement, construction management and startup services for the project. The completion of the MSC™ system at Tharaldson

brings overall annual production capacity for Ultra-High Protein marketed by Green Plains to 430,000 tons.

About Green Plains Inc.

Green Plains Inc. (NASDAQ:GPRE) is a leading biorefining company focused on the development and utilization of fermentation, agricultural and biological technologies in the processing of annually renewable crops into sustainable value-added ingredients. This includes the production of cleaner low carbon biofuels and renewable feedstocks for advanced biofuels. Green Plains is an innovative producer of Sequence™ and novel ingredients for animal and aquaculture diets to help satisfy a growing global appetite for sustainable protein. For more information, visit www.gpreinc.com.

About Tharaldson Ethanol

Tharaldson Ethanol is located just west of Casselton, N.D., an area known for its rich farming tradition. Tharaldson Ethanol provides a much-needed local market for area corn growers, requiring about 60 million bushels of corn annually, which will in turn produce 175 million gallons of ethanol and about 500,000 tons of dried distillers grain each year. For more information visit www.tharaldsonethanol.com.

About Fluid Quip Technologies

Fluid Quip Technologies® (FQT) is a premier technology and process engineering firm based in Cedar Rapids, IA, USA. FQT was founded on extensive experience and know-how within the corn wet milling and dry grind ethanol industries. FQT's skilled engineering and technical leadership has been developing new technologies and process solutions applicable to the biofuels and biochemical markets for more than 30 years. For more information, visit www.fluidquiptechnologies.com.

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