Calyxt Announces Next Generation Premium Soybean Product Line Performance Best-In-Class for High Oleic, Ultra-Low Linolenic Profile

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- ***Next Generation Premium Soybean Product Line Contains Ultra-Low Levels of Linolenic Acid Positioning it to be the Most Stable Premium Soybean Oil Available on the Market***
- ***R&D Advancement with Complex Plant Biological Pathways Enables Calyxt to Deliver Next Generation Plant-Based Solutions in Rapid Time Frame***

ROSEVILLE, MN / ACCESSWIRE / May 4, 2021 / Calyxt, Inc. (NASDAQ:CLXT), a plant-based technology company, announced today that its next generation premium high oleic low linolenic (HOLL) soybean oil trait has exceeded industry performance targets expected in the premium oil segment. This marks a step-improvement on Calyxt's first gene-edited product that was commercialized in the U.S. by delivering superior functional performance plus a -superior functional performance and fatty acid profile superior to other premium oils.

Preliminary composition analysis indicates that Calyxt's trait for its next generation soybean with a high oleic and low linolenic fatty acid profile is best-in-class. It is expected to offer the highest levels of heart-healthy oleic acid and ultra-low levels of linolenic acid of any premium oil, on par with high-oleic sunflower oil.

"Our R&D team continues to identify and unlock high value plant-based products and metabolites through the use of Calyxt's proprietary TALEN® editing systems, breeding approaches, and advanced analytics platforms that built upon the learnings from our first edited product," said Travis Frey, Ph.D., Chief Technology Officer at Calyxt. "The early-stage validation of HOLL, our most complex product to date, marks an exciting step-change in our ability to discover, understand and harness the potential of complex plant biological pathways to deliver the next generation of plant-based solutions in a fraction of the time."

"We're excited by the performance of the HOLL trait in terms of desirable fatty acid profile, improved oxidative stability, increased shelf life, and reduced polymerization," said Sarah Reiter, Vice President of Business Development. "We look forward to partnering with elite soybean companies to introduce this trait through their premium seeds as a compelling alternative to commodity soybean and other premium oils."

Calyxt's HOLL was developed through combined proprietary editing technologies and breeding approaches to deliver the desired attributes. Having completed foundation seed production, HOLL will be advancing into seed production for a potential 2023 launch. The company is currently evaluating potential collaborators for the North American and global markets and intends to partner with elite soybean companies to bring this product to market.

About Calyxt

Calyxt (NASDAQ:CLXT), based in Roseville, Minnesota, is a technology company with a mission to deliver plant-based innovations for a better world. Founded in 2010, Calyxt uses its proprietary TALEN® gene editing technology to work with world-class partners to revolutionize the way the world uses plants to solve problems. For further information, please visit our website at www.calyxt.com.

Forward-Looking Statements

This communication contains "forward-looking statements" within the meaning of the safe harbor provisions of the U.S. Private Securities Litigation Reform Act of 1995. In some cases, you can identify these statements by forward-looking words such as "anticipates," "believes," "continue," "estimates," "expects," "targets," "intends," "may," "might," "plans," "potential," "predicts," "projects," "should," or "will," the negative of these terms and other similar terminology. Forward-looking statements in this press release include statements about our ideation and product development efforts, our business model and go-to-market strategies, and growth strategies.

These and other forward-looking statements are predictions and projections about future events and trends based on our current expectations, objectives and intentions and premised on current assumptions. Our actual results, level of activity, performance, or achievements could be materially different than those expressed, implied, or anticipated by forward-looking statements due to a variety of factors, including, but not limited to: the severity and duration of the evolving COVID-19 pandemic and the resulting impact on macro-economic conditions; the impact of increased competition; disruptions at our or our collaborators' key facilities; changes in customer preferences and market acceptance of our or our partners' products; competition for collaboration partners and licensees and the successful execution of collaborations and licensing agreements; the impact of adverse events during development; the impact of improper handling of our product candidates by unaffiliated third parties during development; failures by third-party contractors; inaccurate demand forecasting; the effectiveness of commercialization efforts by commercial partners or licensees; our ability to collect accounts receivable; commodity price conditions; the impact of changes or increases in oversight and regulation; disputes or challenges regarding intellectual property; proliferation and continuous evolution of new technologies;

management changes; dislocations in the capital markets; and other important factors discussed under the caption entitled "Risk Factors" in our most recent Annual Report on Form 10-K and subsequent filings on Form 10-Q or 8-K with the U.S. Securities and Exchange Commission.

Any forward-looking statements made by us are based only on information currently available to us when, and speaks only as of the date, such statement is made. Except as otherwise required by securities and other applicable laws we do not assume any obligation to publicly provide revisions or updates to any forward-looking statements, whether as a result of new information, future developments or otherwise, should circumstances change.

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