



PRESS RELEASE

FLEXIBLE LEASING PROGRAM UNLOCKS THE MANURE ECONOMY FOR IDAHO DAIRY

By removing upfront cost barriers, flexible leasing empowers more farms to adopt LWR's First Wave System and transform manure into revenue through biogas feedstock, carbon credits, and nutrient recovery.



FOR IMMEDIATE RELEASE:

(Jerome, ID) December 09, 2024 – What if manure could power profits? That's exactly what an Idaho dairy – a member of [Northwest Dairy Association](#) that provides milk to Darigold – is achieving, thanks to Livestock Water Recycling's (LWR) First Wave system. By converting liquid manure into high-value outputs - including nutrient-rich liquid fertilizers for irrigation and dry solids rich in phosphorus, organic nitrogen, and volatile solids for biogas production - this 2,000-cow dairy is proving that circular sustainability isn't just possible, it's profitable.



This is the manure economy in action. The First Wave system transforms underutilized manure into valuable outputs that can be applied on-farm or sold off-site, creating new revenue streams while optimizing nutrient management. With flexible leasing options now available through [FSUI](#), farmers can access this transformative technology without the burden of upfront capital costs. By covering leasing fees with profits generated from optimized manure outputs, including carbon credits, biogas partnerships, or nutrient sales, farmers can turn a previously overlooked resource into a powerful asset for their operation.

"At FSUI, we're dedicated to helping farms access the resources they need to succeed in a rapidly evolving industry," said Gregg McGuire, Founder of FSUI. "Our flexible leasing solutions remove financial barriers, enabling producers to adopt a technology that drives both sustainability and profitability. Partnerships like this are pivotal for the future of agriculture, equipping farms to lead the way in building a sustainable and resilient food system."

By leveraging LWR's First Wave and PLANT nutrient recovery platforms, farms can qualify for voluntary carbon credit programs. Farms can earn 3–4 metric tons of CO₂e credits per cow annually, generating additional revenue to offset leasing costs while supporting global sustainability goals. As food companies increasingly prioritize farm-level sustainability to achieve lower-carbon supply chains, farms using LWR technology are well-positioned to meet these demands, proving that sustainable farming isn't just good for the planet—it's great for business.

“The First Wave system bridges the gap between sustainability and profitability, and the leasing program makes it possible for more farms to access the manure economy,” said Doug Laird, COO of LWR. “By eliminating the barrier of upfront costs, producers can transform manure into a revenue-generating resource and gain a competitive edge in modern food production.”

At the heart of this innovation is LWR’s smart farming technology. With advanced analytics, automation, and machine learning, the system tracks and quantifies ecosystem credits, enabling farms to participate in emerging markets for sustainability-driven value. Backed by over a decade of proven installations and the world’s first methane avoidance verification, LWR leads the market in data-driven resource recovery and nutrient optimization.



“This is where circular sustainability meets profit-driven growth,” added Doug Laird. “Our technology enables producers to monetize manure, improve operational efficiency, and drive real results for their bottom line—all while reducing their environmental footprint.”

Positioned to exceed demand from food companies prioritizing lower-carbon supply chains, this Idaho dairy is demonstrating that sustainable farming is not just a climate solution but a smart business strategy. Farms ready to explore how LWR can unlock similar opportunities are encouraged to learn more at www.manure.ai.

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About Financial Services Unlimited Inc. (FSUI)

FSUI is a family-owned equipment leasing and financing company with over 30 years of experience in providing innovative financial solutions for businesses of all sizes. Based in Ohio, FSUI specializes in equipment leasing, commercial real estate financing, and business acquisition funding. By combining a customer-first approach with competitive terms and strategic partnerships, FSUI empowers clients to achieve consistent, long-term growth. For more information, visit: www.fsui.net.

About Livestock Water Recycling (LWR)

LWR is an award-winning global innovator of the on-site fertilizer PLANT™. This patented technology platform provides hog, dairy, anaerobic digester, and food processing operations the ability to selectively extract particles from biosolid stream allowing for the best use of the liquids - recycled clean water, fertilizers, biogas feedstock. LWR’s approach to water treatment achieves triple-bottom-line outcomes: meeting the growing demand for food, increasing farmer profitability, and protecting the environment and public health. LWR’s fertilizer PLANTs save farmers time and money by providing them with a cost-effective solution to manage manure and bioliquids in a sustainable manner. LWR has systems operating throughout North America, the Middle East, and the United Kingdom. For more information, visit: www.manure.ai

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