



FAST FACTS

With Lisa Fast

NOVEMBER 2022

KARLEIGH'S KORNER

As we move closer to the new year it's time to start formulating strategies for 2023—which will likely include manure, nutrient, and water management. We know planning for the future can feel daunting which is why we are fully committed to helping the process.

Did you know that our team is available to help you assess the feasibility of adding manure processing to your operation by completing a:

1. **Full nutrient assessment**
2. **Customized value proposition**
3. **Treatability test**

Our team of ManureExperts™ includes engineers, designers, computer programmers, field technicians and sales & marketing professionals who are all available to answer your questions. If your strategy includes:

- **Lowering overall manure volume**
- **Precisely applying nutrient**
- **Opening new revenue channels**
- **Exploring opportunities in RNG**
- **Optimizing resource management**
- **Improving herd health**
- **Lowering Carbon Intensity Scores**
- **Supercharging biogas feedstock**

then I strongly encourage you to reach out! At LWR we believe that by optimizing your on-farm sustainability efforts you can simultaneously increase your profitability. I'd love to learn what you are prioritizing in 2023!

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Up Next: 🇯🇵

LWR will travel to Japan to connect with investors, regulators and Japanese dairy farmers.

AGRICULTURE AND AGRI-FOOD SYSTEMS WERE AT THE HEART OF CLIMATE SOLUTIONS FEATURED AT COP27

Nearly 100 heads of state were in Egypt earlier this month to discuss climate adaption strategies and make climate commitments—including 151 countries who have signed the [Global Methane Pledge](#)! We left with a clear message that innovation is key to combating climate change. We'd like to welcome our new subscribers that we met at COP27! We're glad you're here and that you're curious about LWR. Here are some highlights from our time in Sharm El-Sheikh:



Tackling the climate crisis is an all-hands-on-deck call to action. It's imperative that the private & public sectors work to create transformative solutions to our problems. We need innovation of all kinds to tackle food insecurity & climate change. We're in this together #COP27



2:24 PM · Nov 14, 2022 · TweetDeck



California State Senators were fully present and prepared to have real climate conversations at COP27.



U.S. Dairy Export Council president and CEO Krysta Harden and Dairy Management Inc Chair Marilyn Hershey led a delegation representing US dairy.



Sustainable Livestock: Part of the Solution to the Climate Crisis panel featured Marilyn Hershey and Erin Fitzgerald of U.S. Farmers & Ranchers in Action.



FARM, RANCH, AND RURAL COMMUNITIES FEDERAL ADVISORY COMMITTEE WELCOMES NEW MEMBERS

The Farm, Ranch, and Rural Communities Federal Advisory Committee (FRRCC), provides independent policy advice, information, and recommendations to the EPA Administrator on a range of environmental issues that are of importance to agriculture and rural communities. They are charged with evaluation of Agency policies and programs at the intersection of agriculture and climate change.

"As EPA Administrator, I am deeply committed to ensuring that agricultural and rural communities have a seat at the table as we work together to identify practical, science based solutions that protect the environment and ensure a vibrant and productive food system" - Michael S. Regan. [CLICK HERE](#) to learn more.



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1 MILLION SERVINGS OF PORK DONATED TO US FOOD BANKS

National Pork Board and several state pork associations partnered with [Farmland](#), a brand of [Smithfield Foods](#), and country music superstar [Luke Bryan's Farm Tour concert series](#) to donate **210,000 pounds of pork** this fall. That's an estimated total of **1 million servings of pork** divided among multiple food banks. More details [HERE](#).

LWR SELECTED AS ONE OF THE 50 MOST INVESTABLE CLEANTECH COMPANIES IN THE COUNTRY!

[Foresight](#) is shining a light on Canada's most promising cleantech ventures while directly connecting them with investors, customers, and partners. An independent panel of judges representing investors and cleantech community partners selected LWR based on investability, potential environmental impact, job creation, and probability of success.

FEATURED FUNDING

SBIR/ STTR PROGRAMS:

Topics for the Small Business Innovation Research and Small Business Technology Transfer programs for FY 2023 Phase I Release 2 have been issued. More information is available [HERE](#)

GLOBAL FERTILIZER CHALLENGE:

New Funding for Fertilizer Efficiency and Soil Health was announced during COP27. More details available [HERE](#)

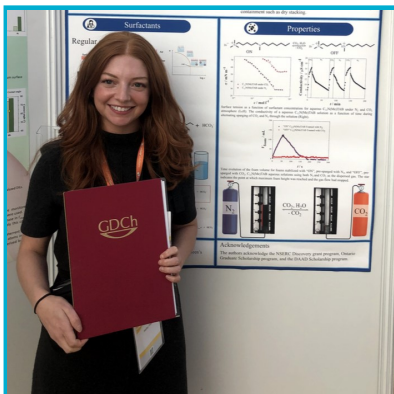
FINAL REMINDER:

The Fertilizer Production Expansion Program application window closes December 29, 2022. More details available [HERE](#)



CONTACT US
TO LEARN MORE OR TO
START YOUR APPLICATION

DYK that if we sequester only 0.4% more carbon in our soils, we could offset ALL human emissions?!



LWR'S ENVIRONMENTAL SCIENTIST WINS 2022 YOUNG SCIENTIST AWARD FROM THE GERMAN CHEMICAL SOCIETY

The award, presented at the SEPAWA congress and European Detergents Conference in Berlin. Hailey Poole received the Award for her outstanding master's thesis entitled: "CO₂ -Switchable Foaming Agents". In her original work, Ms. Poole presented and proved a new concept that lays the foundations for further optimization. Congratulations Hailey and welcome to the LWR family!

CYBER MONDAY

SALE EXTENDED!

Place your order for a
First Wave or PLANT system
and receive a
FREE
groCONTROL liquids analyzer!

ORDER MUST BE PLACED PRIOR TO DECEMBER 31, 2022

POSITIVE ENVIRONMENTAL NEWS

During this season of gratitude, we are incredibly thankful for all the people and companies around the world who care about the planet. There are examples of these all around us but we want to thank our friends at [Brightmark](#) for compiling a few of them for us. Check them out here:

- [The world's biggest wind farm is now operational, generating enough energy to power 1.4 homes in the UK.](#)
- [Total climate spending through the IRA could equate to roughly \\$1.7 trillion over the next 10 years](#)
- [These seven companies are doing their part to make the circular economy a tangible thing](#)

Share your positive environmental news with us and we might feature you in a future Fast Facts!!

