



# FAST FACTS

With Lisa Fast

APRIL 2022

## KARLEIGH'S KORNER

On farm manure processing results in easier nutrient application and overall management of manure, but does it *really* make economic sense when it comes to impacting the value of nutrients?

This month I wanted to dig a little deeper into a cost comparison between the cost applying raw manure vs. the cost of applying nutrient dense treated LWR solids.

For this comparison, let's use 93,600 gallons of raw manure, the equivalent of the daily treatment capacity of the First Wave 40. Once processed, those 93,600 gallons become 24 tons of concentrated solids.

The approximate cost to spread 93,600 gallons of raw manure is **\$0.2944 per gallon**. The cost to achieve the same nutrient rates by applying the concentrated solids is only **\$0.033 per gallon**. This is inclusive of the chemistry, electricity, hauling and application costs related to the First Wave system!

So there you have it! It costs nearly **9 times** more to apply raw manure than to process and spread LWR's concentrated First Wave nutrient solids to your fields!

Let me know if you'd like to walk through a zero obligation value proposition to see how a First Wave installation would impact the bottom line on your farm.

...and as always, I'm happy to discuss any other agronomy questions that might be keeping you up at night. Give me a shout and let's figure it out!

[karleigh.lewis@livestockwaterrecycling.com](mailto:karleigh.lewis@livestockwaterrecycling.com)



**THRIVE**  
by SVG VENTURES

Next Demo Day to be held LIVE from Calgary on June 1, 2022. [Learn More](#)

**Up Next:** We will be attending Biogas Americas in Las Vegas from May 26-27. [Will we see you there?](#)

**BIOGAS AMERICAS**  
POWERED BY ABC

## LWR PARTNERS WITH VYLA TO CONNECT MANURE DATA WITH DAIRY STAKEHOLDERS FOR INCREASED TRANSPARENCY AND SUSTAINABILITY

LWR joins VYLA's transformative dairy movement that connects the farm, the supply chain, and the consumer in the interest of elevating the entire industry.

We are thrilled to announce that we have partnered with VYLA, a cloud platform built around collaboration. LWR is now part of the industry community that VYLA is developing with their suite of supply chain software apps that bring connectivity, transparency, and collaboration to the dairy and ag ecosystem.



On April 22 we celebrated Earth Day as an important reminder that we are all connected to a common future. With VYLA dairy producers can identify process inefficiencies, leverage data insights for better forecasting, and scale their businesses for growth. Through increased visibility, consumers, retailers, processors, suppliers and producers are empowered with confidence and trust. VYLA allows users to share insights and data including factful information around progress toward sustainability goals.

Manure impacts nearly all facets of the farm - from soil health and crop yields to animal care and antibiotic usage, environmental stewardship, CI scoring, long term succession planning and the financial bottom line. While manure data is a valuable tool for nutrient management planning, regulatory compliance, and as the basis for emission inventories, this data is often scarce, old or poorly documented. By integrating manure data into the [Ascend app](#), producers can access helpful metric that can be easily aggregated, shared, or used for a multitude of planning purposes.

LWR is proud to join three of the world's most forward-thinking dairy companies — [Nestlé](#), [Land O'Lakes](#) and [Lely Group](#) — who have also partnered with VYLA to raise the standard for the industry. LWR is VYLA's only manure partner.

[Click here](#) to read the full press release.

## HOW ARE DAIRY FARMERS MAKING MILK AND CHEESE MORE SUSTAINABLE?

Sustainability has become a priority for brands around the globe, especially for those that understand the value of creating a positive social and environmental impact. Meanwhile, consumers are becoming more selective of the companies they support — intentionally buying from those that are ethical and transparent about their business practices.

Renewable energy company [Vanguard Renewables](#) recently teamed up with the [Dairy Farmers of America](#), [Starbucks](#), and [Unilever](#) to launch the [Farm Powered Strategic Alliance](#). This helps dairy farms invest in regenerative agriculture, meaning it gives them resources and equipment to reduce their output of waste and emissions, instead putting these elements back into the soil to be used again.

[www.LivestockWaterRecycling.com](http://www.LivestockWaterRecycling.com)





# FAST FACTS

With Lisa Fast



The LWR Innovation Center recently welcomed a group of students from [Foothills Academy](#) as part of their "Regional Agriculture Days" supported by [Alberta Agriculture, Forestry and Rural Economic Development](#) and [Agriculture and Agri-Food Canada](#). Foothills Academy is a Calgary centre of excellence for Learning Disabilities and ADHD offering a full-time school program and year-round community outreach services. Thanks for joining us!

**ICYMI:** Changes have been made to the AgriRecovery program that could benefit Manitoba producers. Check it out [here](#)!

## TORONTO STAR

As demand for sustainable tech soars, several companies are closing on the cherished \$1 billion valuation. We would like to thank the [Toronto Star](#) for including us in your piece about foreign buyers eyeing Canada's cleantech firms.

Read the story [here](#)!

## INTRODUCING THE 2022 INFLUENTIAL WOMEN IN CANADIAN AGRICULTURE

[Influential Women in Canadian Agriculture](#) (IWCA) is a recognition program designed to honour, highlight and celebrate the work women are doing across Canada's agriculture industry. LWR Co-Founder and CEO [Karen Schuett](#) was named to the inaugural IWCA list in 2020. The program is now in its third year. Please join us in congratulating:

**Valerie Carney**, lead, Poultry Innovation Partnership, Alberta  
**Lisa Mumm**, owner, Mumm's Sprouting Seeds, Saskatchewan  
**Mary Ruth McDonald**, professor/research program director, University of Guelph  
**Christine Noronha**, research scientist, Agriculture and Agri-Food Canada, PEI  
**Lana Shaw**, manager, Southeast Research Farm, Saskatchewan  
**Karen Tanino**, professor, University of Saskatchewan  
**Heather Watson**, executive director, Farm Management Canada, Ontario

**Did you know?** According to a [2020 study](#) conducted by Edelman and The Nature Conservancy, 55% of food, beverage, and agriculture business leaders are upping the ante when it comes to enforcing new sustainability practices?!

Why does the 'net water positive' goal matter for major agribusiness corporates? Check out [THIS LIST](#) of corporate water commitments.

**WORLD PORK EXPO 2022**  
FAMILIAR FACES.  
EXTRAORDINARY EXPERIENCES.



### TAKE OUR POLL!

Are you attending World Pork Expo in Des Moines in June? Let us know so we can connect during the show! **You will find us there in booth V1052.**



[The U.S. Roundtable for Sustainable Beef](#) has announced [new sustainability goals](#) for the U.S. beef supply chain. The goals are set around six high priority indicators of sustainability: water, land

air and ghg emissions, efficiency and yield, animal health and wellbeing, and employee safety and wellbeing. These key indicators will ensure true sustainability at each stage of the beef supply chain.

Read more [here](#).

**NORTH AMERICAN MANURE EXPO'S FAVORITE CONTEST IS BACK FOR 2022**



### To help inspire you, here are last year's Top 10:

- Butt mud to cow cud, the original crop circle
- Don't panic, it's organic
- Solid agenda with loose subject matter
- The big sh\*t show
- Talkin' dirty for 20 years and counting
- It's a sh\*tty job, but someone has to do it
- Manure connoisseur
- Affluence from effluents
- Manure Expo 2021: Where the cool kids smell funny
- For manure audiences only!

For questions, comments, or good conversations, I'd love to hear from you! li-

[www.LivestockWaterRecycling.com](http://www.LivestockWaterRecycling.com)

