

enviro systems
You are invited to....

Lydney Open Day

Come and see how our sustainable paper bedding, EnviroBed is made using renewable heat.

on
Wednesday 19th October
at
10am - 2pm

at
Plustervine House, Station Road,
Woolaston, Lydney, Gloucestershire, GL15 6PN

Refreshments and lunch provided



RSVP: Harry Sykes at EnviroSystems -
harry@envirosystems.co.uk or text 07984632666



EnviroSystems, Barton Cross Park, Preston, PR3 9AX

Enviro Jobs

Area Sales Manager (Scotland & NE England)

- 40 hours per week
- 31 days holiday
- Sales commission structure

Area Sales Manager (Wales)

- 40 hours per week
- 31 days holiday
- Sales commission structure

For more details please visit -
envirosystems.co.uk/jobs
or Scan



SEE YOU AT THESE UPCOMING SHOWS...

BATH & WEST

Date: **5th OCTOBER 2022**

SOMERSET, BA4 6QN

THE WELSH DAIRY SHOW
PRIF SIOE LAETH CYMRU

Date: **25th OCTOBER 2022**

CARMARTEN, SA33 5DR

AgriScot
Your Farm Business Event

Date: **16th NOVEMBER 2022**

INGLSTON, EDINBURGH, EH28 8NB

DAIRY TECH

Date: **1st FEBRUARY 2023**

STONELEIGH PARK, COVENTRY, CV8 2LG

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Innovating for Agriculture

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✉ info@envirosystems.co.uk

🌐 envirosystems.co.uk

🏠 EnviroSystems (UK) Ltd. Pasture View, Barton Cross Park,
Barton Lane, Preston, Lancashire, PR3 5AX

envirobed
NEW & PREMIUM

slurrybugs
Feed your slurry

envirocare
Teat

COBIOTEX
410 ABSORBANT

optisile

FOLLOW US ON:



R&D Recap

Over the last 12 months, our team has been reviewing all product formulations, looking to optimise our products in an ever changing agricultural landscape, based on our customer feedback. They have been working closely with external laboratories to gain independent evidence to support our products, giving our customers confidence in their ability to impact their day to day use and ensure a return on investment for farmers. Finally, our team is always looking towards the future with new product development.

One of our biggest projects is working to develop a new bacterial additive to combat ammonia emissions from slurry stores. This research project is part funded by Defra and their Farming Innovate Pathway. Initially, we attempted to utilise specialist bacteria to convert excess ammonia directly into nitrate. However, after 8 months of trials we found this complex biochemical pathway was not suitable for large scale slurry stores.

Instead, our focus has shifted to developing a 2 phase bacterial inoculant in line with Defra's Clean Air recommendations of covering slurry stores or acidification; both of which have their drawbacks.

Having listened to our customers' concerns, we understand that covers present a risk of solid matter build up which goes unnoticed until the crust or sediments have reached a size where they prevent pumping out and lead to reduced storage capacity (see image below). At which time it's too late to treat. Acidification on the other hand, presents a hazardous risk to the farmer during application, and to the environment from long term application of acidified slurry.

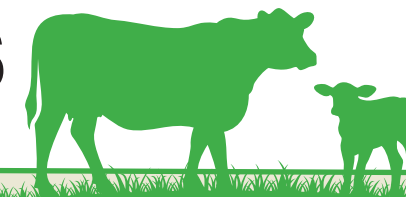
Now our team is looking to change the focus of this research project, and work alongside Defra's recommendations to develop a novel 2-phase bacterial additive that has the ability to degrade the organic matter to an even greater extent than SlurryBugs has in the past, preventing the solid matter accumulating under the cover. The second phase aims to buffer the slurry at a pH where gaseous ammonia is reduced.



Image showing a floating slurry cover being pulled back after 5 years, crust accounting for 60% of storage volume

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Innovating for Agriculture

ENVIRO NEWS



EnviroSystems is proud to be sponsoring this year's 'Muck Seminars' at The Dairy Show on Wednesday 5th October 2022.

BATH & WEST
THE DAIRY SHOW

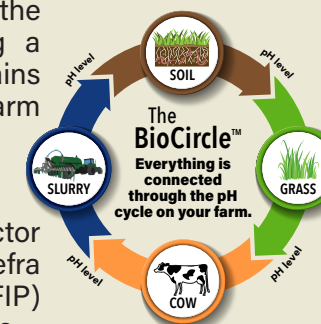
Muck Seminar Sponsor

12.10pm - 12.30pm

Liz Russell, MD & founder of EnviroSystems will speak about the fertiliser value benefits of adding a biological additive and also explains how it helps to transform your farm BioCircle™

12.40pm - 1.00pm

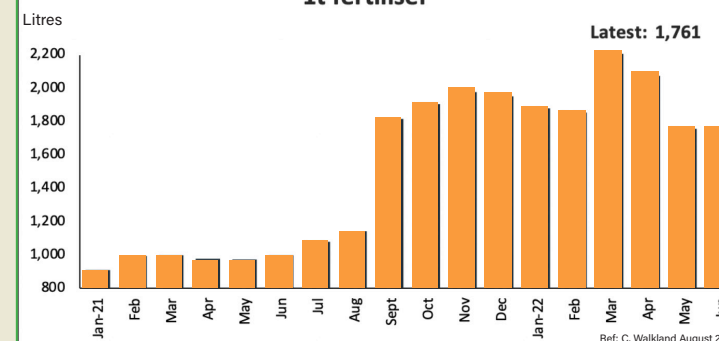
Dr Henry Russell, biochemist & Director will share details of the ongoing Defra Farming Innovation Pathways (FIP) project on slurry ammonia emissions.



slurrybugs

With rising fertiliser costs, are you maximising your slurry's full potential?

How many litres of milk does it take to buy 1t fertiliser



Over an 8 month period between January and August 21, it took on average 1000 litres of milk to buy 1 tonne of fertiliser. A substantial increase was seen in September 21, when 1,800 litres of milk was needed to buy 1 tonne of fertiliser. The market has remained at this high level with little signs of waning.

Treating slurry with Slurrybugs can therefore make a significant financial difference on your farm. By keeping solids suspended and not as a crust or sediment, it means the nutrients are more consistent and able to be spread. Farmers will see up to a 9:1 return on investment by using Slurrybugs treatment.



Consistent bedding you can rely on this winter

Since 2001 we have held contracts with leading British paper mills to ensure EnviroBed reaches farms across the UK, all year-round, whatever the weather.

In May 2021, we won a new, additional contract for paper crumb from a multi award-winning paper mill for sustainability. Using this new blend of paper crumb, EnviroBed New is the fluffiest and most consistent paper bedding we've ever made.

EnviroBed New is made from 100% recycled paper and dried using renewable heat. It has a pH of 7.4 which is kind to the teats and the bedding breaks down in farm slurry systems before being spread to land - making it a land and cow-friendly bedding option to consider this winter.

For EnviroBed winter prices call our friendly farm support team on 01772 860085.

Find out more about EnviroBed, scan here



Why should you use SlurryBugs?

- Reduce bought in fertiliser
- Easier to handle
- Improve slurry fertiliser value
- Improve soil condition once spread
- = Cost savings on farm inputs



envirosystems.co.uk



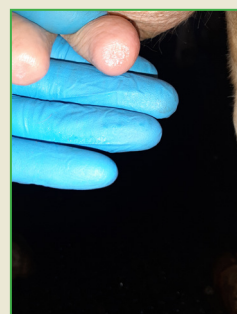
We introduced EnviroCare Teat spray and dip to the market last autumn. This innovative product uses human grade emollients instead of harsh chemicals. Here's some feedback.

"Moving to EnviroCare Teat was a big change from iodine teat dips which we'd always used in the past.

We use two teat cups of EnviroCare Teat, one for pre-dip and one for post-dip.

Previously, we'd occasionally have damaged teats and needed to use udder cream, but since the change we haven't needed to as the teat condition is so good."

Roger Ridgway, organic farmer with 75 cows in Pembrokeshire



How many farms do you usually visit in a week?

I'm usually out 2 days a week, and visit 8-10 farms.

What are your hobbies outside of work?

Riding/competing my horses and walking my Jack Russell

What has been your favourite agricultural show so far this year?

UK DAIRY DAY it was a great atmosphere and a really good day.



Sales Team Q&A - Abby Liver



How long have you been with EnviroSystems?

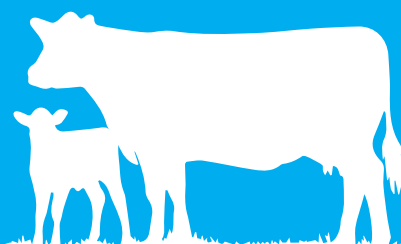
Since January 2022.

What areas do you cover?

Lancashire & Cumbria and temporarily Scotland.

What is your favourite EnviroSystems product to sell and why?

SlurryBugs because they are a really beneficial product & farmers are always happy with the results and the long term environmental benefit to their farm.



COBIOTEX
410 ABSORBANT



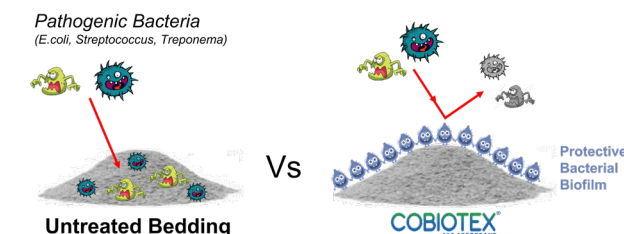
A bacterial bedding additive which outcompetes pathogenic bacteria, producing a more hygienic and controlled bedding environment.

"We have always used sand bedding and when we moved some of our herd indoors onto robots we made the decision to introduce mattresses. Our main worry moving from sand to mattresses was we didn't want to use lime as it is abrasive. It was for this reason we started using Cobotex as a bedding additive.

Cobotex is quick and easy to apply, we add it once a week to the back third of the mattresses – it only takes 5 minutes to do 50 cubicles – so it's a quick job! It keeps the beds very dry and the cows clean. We've been using Cobotex since March 2021 and the results have been so good we wouldn't want to stop using it now!"

Rich, Rach & Maisie Knowles with 150 dairy cows in Leicestershire

How Cobotex works using Competitive Inhibition



Cobotex is a once per week quick and easy powder application - on the Knowles family farm (pictured) it only takes 5 minutes to do 50 cubicles



The combination of Cobotex and sawdust keep the Knowles family's cows clean and dry without the need for lime which they wanted to avoid



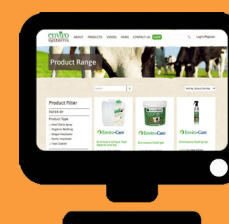
We loved seeing Gold Cup winner John Torrance's heifers on EnviroBed at the RABDF Gold Cup Open Day 2022.

John has been a customer for well over 10 years now and said he "mainly uses it on his heifers, it does a good job and keeps them clean and dry."

This was evident on the day, they looked very clean and content - here's a photo of his girls having a good rest on EnviroBed!



enviro systems VIP VIP Scheme now available - Special access to deals and more!
for more details contact your sales manager



Check out our online shop where you can now buy SlurryBugs, FYM, EnviroCare Teat and Cobotex.

