

DAIRY FARMS & LAGOONS WASTEWATER SYSTEM OPTIMIZATION

Improve Biological Performance, Reduce Solids and Fats Accumulation, and Enhance Treatment Efficiency in Dairy Wastewater and Lagoon Systems



COMMON CHALLENGES



High BOD, COD, TSS, fats, and ammonia



Solids accumulation and crusting in lagoons



Foaming and scum formation



Strong odors and hydrogen sulfide (H₂S) production



Reduced lagoon capacity and efficiency



Permit compliance and discharge limits



High sludge hauling and disposal costs



Weather and temperature fluctuations



Aging infrastructure and operational constraints



APPLICATIONS

- Manure lagoons and pits
- Flush systems and channels
- Anaerobic and aerobic lagoons
- Equalization and holding tanks
- Solid separators and clarifiers
- Irrigation and land application systems
- Parlor wash and process water systems
- Recycled and reuse water systems



HOW DRYLET HELPS

Drylet's patented porous carrier technology delivers high-performance microorganisms directly into dairy wastewater and lagoon systems where biological activity is needed most. The protective microhabitat shields microbes from temperature swings, pH shifts, and toxic compounds, allowing them to remain active and effective.

In dairy operations, this targeted biological activity enhances the breakdown of organic matter, fats, and solids, reduces odors and H₂S, prevents crusting and foaming, improves lagoon capacity and performance, and increases overall treatment efficiency—helping you meet regulations, lower costs, and protect your neighbors and the environment.

Drylet supports lower operating costs, fewer upsets, and helps extend the life of your wastewater infrastructure.



KEY BENEFITS

- ✓ Reduces BOD, COD, TSS, fats, and ammonia
- ✓ Reduces odors and H₂S
- ✓ Prevents foam and scum formation
- ✓ Reduces solids accumulation and crusting
- ✓ Improves lagoon capacity and performance
- ✓ Enhances biological stability and process resilience
- ✓ Helps maintain compliance and avoid violations
- ✓ Lowers sludge hauling and disposal costs
- ✓ Improves system efficiency and reliability
- ✓ No chemicals or enzymes
- ✓ Safe for the environment and aquatic life
- ✓ Non-pathogenic and non-GMO

WHY DRYLET?



Patented porous carrier technology



No harsh chemicals or enzymes



Proven biological performance



Supports long-term system stability

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