

Prevent Lameness with a More Affordable Footbath

Footbaths serve as a simple, preventive measure to maintain hoof health and prevent lameness – a condition that costs dairies \$300 per case on average¹. When used properly and paired with a product that lowers pH, a footbath can prevent and control foot rot and digital dermatitis.

For years, formaldehyde and copper sulfate have been the most commonly used products in digital dermatitis control programs. However, the use of formaldehyde has declined due to its toxic, carcinogenic properties.

While copper sulfate continues to be an effective footbath solution, intensive use has created soil toxicity concerns. Given that the footbath solution should be changed every 150 to 300 cows, the cost of copper sulfate can also add up quickly.

Assessing a Hoof Care Alternative

ParlorPal® is a footbath solution that lowers pH – on its own or in combination with copper sulfate – to effectively support hoof health.

Researchers in South Dakota looked at the pH of footbath water as the amount of cattle manure increased as well as its bacterial load. Water was treated with **ParlorPal** (sodium bisulfate), copper sulfate or an equal combination of the two.

While both products lowered pH, water treated with **ParlorPal** alone or in combination with copper sulfate kept pH lower for longer despite the continuous addition of manure (**Chart 1**). This low pH keeps bacterial plate counts low even after 24 hours (**Chart 2**).

Lower Footbath Costs

Given its ability to lower pH and bacterial load, even with the increased concentration of organic matter, **ParlorPal** is a valuable footbath treatment. What's more notable is the cost savings it can provide to dairies.

ParlorPal costs 50-100% less* than copper sulfate giving dairies the opportunity to dramatically reduce footbath treatment costs even at a 50/50 addition rate.

*On average

ParlorPal® is sold by Jones-Hamilton Co. Learn more at JonesHamiltonAg.com

Source: ¹<https://extension.psu.edu/lameness-its-costing-you>

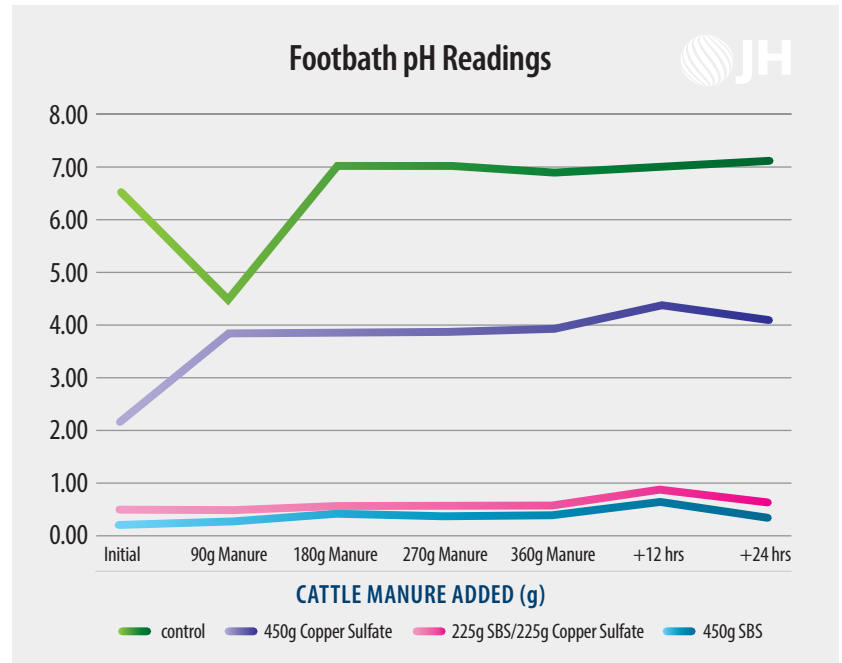


Chart 1. pH of footbath water over time with addition of manure

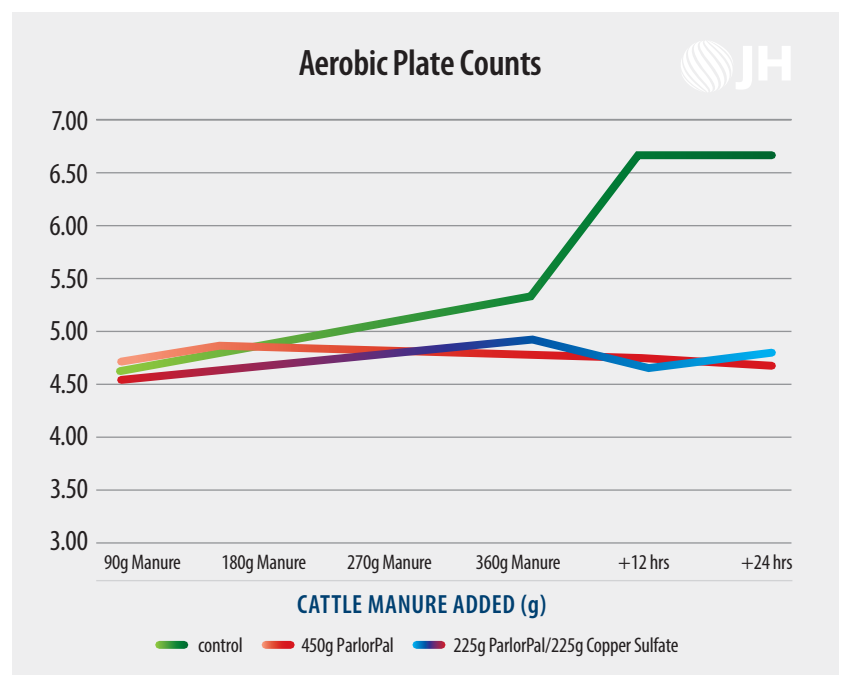
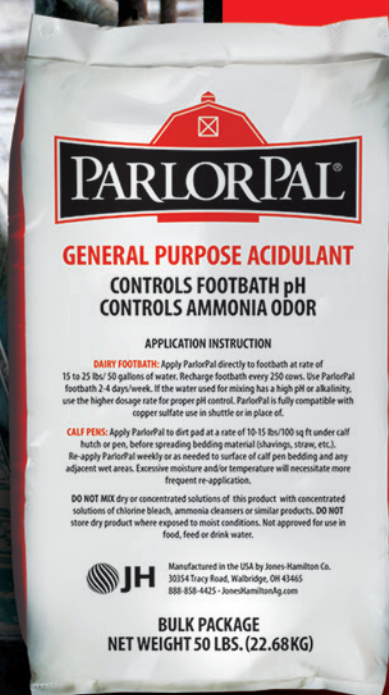


Chart 2. Bacterial load of footbath water over time with addition of manure

**AMMONIA-FREE
BEDDING &
AFFORDABLE
HOOF CARE**



As the strongest dry mineral acid available, ParlorPal® activates immediately to neutralize ammonia, provide residual ammonia and odor control, and creates a low pH environment in bedding and footbath water.

Get to Know the Power of pH at ParlorPal.com



Manufactured by Jones-Hamilton Co.