

**FOR IMMEDIATE RELEASE**

**Contact:**

Tina McDonald  
TVM Marketing  
(262) 623-0253  
tina@tvmmarketing.com

**Field trial shows proactive electrolyte supplementation  
improves calf health, delivers strong ROI**

CINCINNATI, Ohio (April 28, 2026) - Feedworks USA recently conducted a field trial at a commercial calf ranch to evaluate the effectiveness of Feedworks Lytes™ for Calf Ranch as a daily electrolyte supplementation strategy during the early, high-risk receiving period.

“Newly received calves are highly susceptible to stress, dehydration, disease and digestive disorders, especially scours, which can lead to increased treatment interventions, higher labor and medication costs, elevated mortality rates and reduced overall performance,” says Minnie Ward, Feedworks USA technical calf and heifer specialist. “This calf ranch was looking for a proactive solution to improve calf health outcomes during this high-risk period while maintaining cost efficiency.”

Feedworks Lytes for Calf Ranch, a proactive oral electrolyte supplement designed to be fed daily to maintain hydration during the critical preweaning period, was administered daily to calves during their first 7 to 14 days on feed. Performance and health outcomes were compared to historical data from the same ranch in the previous year, with statistical models used to ensure reliable comparisons. Key metrics evaluated included incidence of scours, number of treatments per calf, mortality associated with scours, and overall economic impact.

The results showed that proactive electrolyte supplementation delivered the following measurable health benefits during the first 21 days:

- **33% reduction** in the odds of calves experiencing at least one scours event ( $P < 0.001$ )
- **~27% decrease in treatments per calf**, indicating lower disease incidence ( $P < 0.001$ )
- Reduced reliance on primary treatment protocols (Naxcel + Ringers), suggesting decreased severity of illness
- **7% reduction in mortality** associated with scours ( $P < 0.04$ )

The health improvements translated into strong economic returns. “The ranch realized treatment savings of \$0.53 to \$0.76 per calf,” Ward explains. “That equated to a 1.3:1 to 1.9:1 return on investment from treatment reduction alone.”

When reduced mortality was included, the financial impact increased significantly. “A 7% reduction in mortality represented an additional value of \$1.61 per calf,” Ward adds. “Combined with treatment savings, total value ranged from \$2.14 to \$2.37 per calf, resulting in an overall ROI of 5.2:1 to 5.8:1. All calculations were based on the operation’s treatment costs and an estimated market cost of \$1,000 per replacement heifer.”

The trial underscores how targeted investments in early-stage calf care can deliver meaningful results. “By improving hydration and supporting gut health during the receiving period, operations can reduce disease events, lower treatment costs, improve survival rates and ultimately increase profitability,” says Ward. “For producers looking to reduce risk during this phase, proactive electrolyte supplementation offers a simple solution with measurable impact.”

Feedworks USA, Ltd., is an exclusive distributor for domestic and international feed additive manufacturers of innovative, well-researched products that offer financial benefits to end users. For more information, visit [FeedworksUSA.com](http://FeedworksUSA.com).