



Redmond Conditioner

Supports rumen health better than sodium bicarbonate*



Nature has it right™

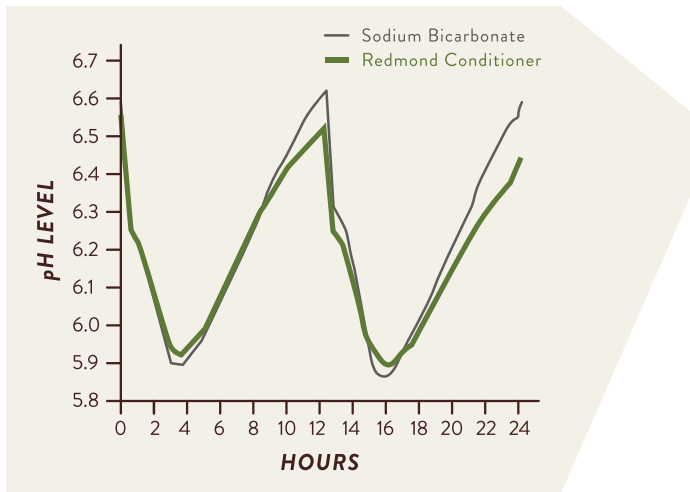
For the past 60 years, thousands of customers and millions of animals have used Redmond Agriculture's program and never looked back. Switching to Redmond is a small shift that makes a huge difference.

Objective

The objective of this study was to measure the performance of Redmond Conditioner as a rumen supplement in cattle; to compare Conditioner and sodium bicarbonate in terms of microbial health, rumen pH, and fiber digestion.

Procedures

- A high energy lactation ration was digested in vitro and normal digestion processes were followed for both groups.
- The control group was given sodium bicarbonate (bicarb)
- The Redmond group was given Redmond Conditioner



	Redmond Conditioner	Sodium Bicarbonate
Buffer Capacity	✓	✓
Fiber/Carb Digestion	✓	
Improves Feed Efficiency	✓	
Lowers Rumen Ammonia	✓	
Toxin Binding	✓	
Lower Cost	✓	

Results

Redmond Conditioner supported slightly greater digestion of acid detergent fiber (ADF) (P=0.15) and neutral detergent fiber (NDF) than bicarb. This led to a small increase in the grams of total carbohydrate digested with the Conditioner.

Fermenter flow of non-ammonia nitrogen (NAN), which is the combination of microbial N and by-pass feed N, was significantly higher (P<0.05) for the conditioner treatment, while the ammonia flow was less due to the significantly lower (p<0.05) lower ammonia levels in the fermenters.

Conclusion

Redmond Conditioner:

- Supports microbial growth and metabolism as well as bicarb
- Enhances carbohydrate and fiber digestion
- Improves feed efficiency
- More efficiently controls and utilizes ammonia levels
- Buffers rumen pH levels as effectively as bicarb
- Is a viable alternative to bicarb for cattle rumen health



NATURE MADE SOMETHING BETTER THAN BICARB

[Click here to learn more](#)



www.redmondagriculture.com

866-735-7258

hello@redmondagriculture.com



Redmond Minerals Inc.
PO Box 219
Redmond, UT 84652