

## DynOmik® Update Series: Proof from the Field – Vol. 1

**KEY TAKEAWAY:** DynOmik provides a simple, low-cost strategy (\$0.06/hd/d) to capture additional performance through a targeted rumen shift. Controlled field evaluations show an ECM improvement of 2.1 lbs/hd/d.

DynOmik is a natural co-product of the cashew nut industry that delivers a concentrated source of anacardic acid, a potent rumen-modifying compound. Anacardic acid selectively shifts the rumen microbial population toward greater propionate production, while supporting a stable, healthy rumen environment. This increase in propionate production alters metabolic signaling and energy flow, ultimately driving measurable improvements in milk performance.

*A controlled field trial was conducted during Summer 2025 and summarized below:*



Experimental units (N = 20 dairy farms)

10 control farms vs. 10 DynOmik farms



Control (basal diet) vs. DynOmik (basal diet + 2.5g/hd/d)

All diets contained monensin



DynOmik feeding started around June-July 2025

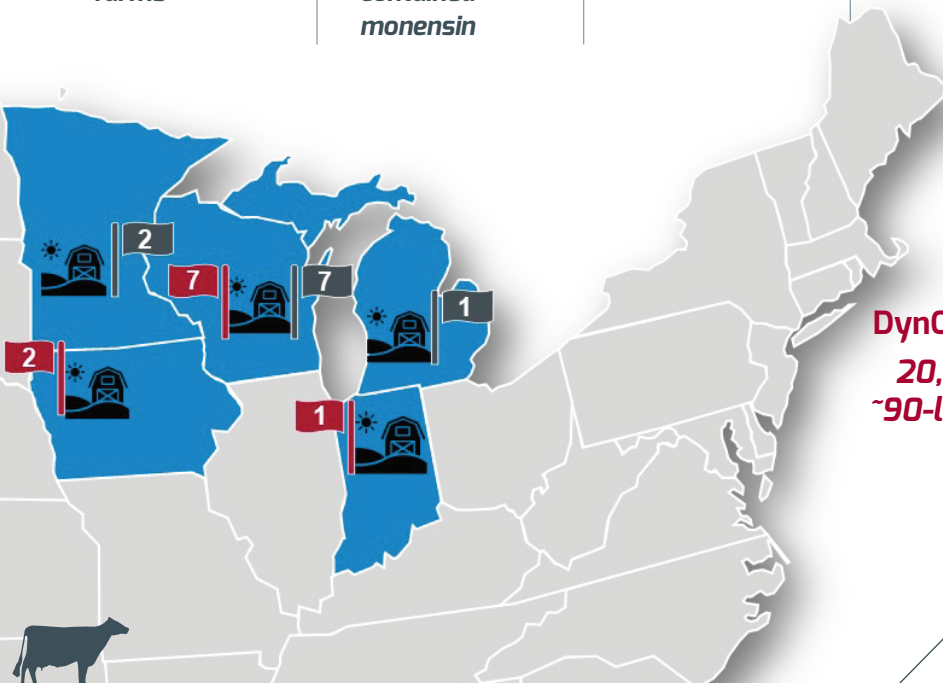
7 weeks of feeding



First 3-weeks dropped to allow for rumen adaptation



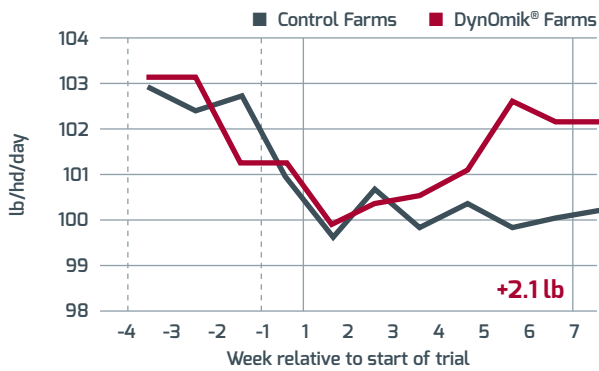
7-d forward rolling average was used to smooth out daily datapoints



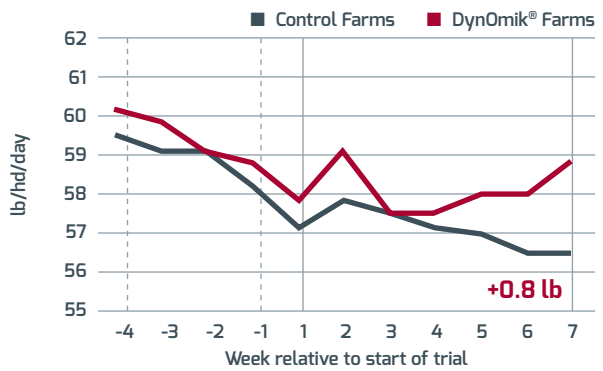
**DynOmik Farms** 20,733 cows ~90-lb Milk Yield  
**vs.** **Control Farms** 16,981 cows ~90-lb Milk Yield

1 >

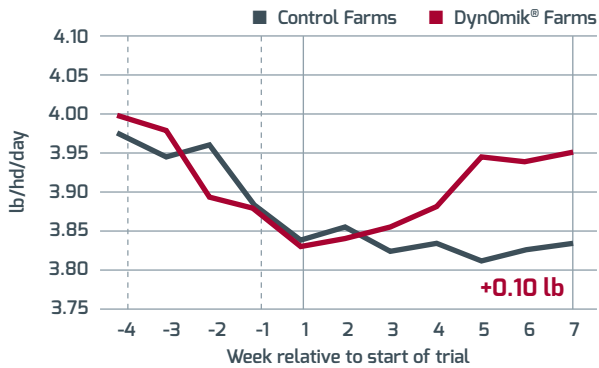
### ECM, lbs



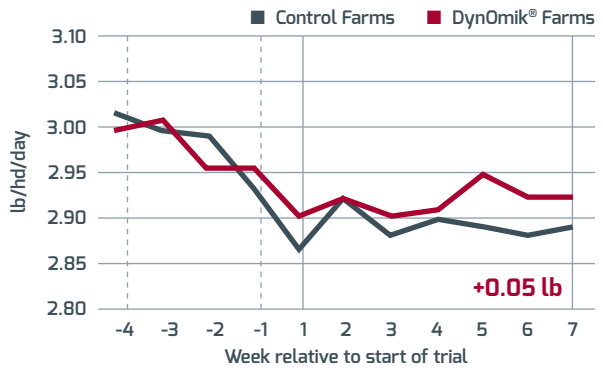
### Feed intake, lbs DM



### Milk fat yield, lbs



### Milk protein yield, lbs



\* Relative difference between treatments was adjusted for pre-trial baselines

Dairy cows supplemented with 2.5 g/cow/d DynOmik® (\$0.06/cow/d) produced on average 2.1 lbs greater ECM (1 lb milk yield, +0.05 lb milk protein, and 0.1 lb fat) relative to the control farms.

These field responses mirror what controlled University research has already demonstrated. An Iowa State University trial showed that feeding 2.5 g DynOmik/cow/d increased rumen pH (+0.31-units), dry matter intake (+2.4 lb/cow/d) and ECM (+7.6 lb/cow/d) in the first 28 DIM (Goetz et al., 2023; JDS). A recently published abstract evaluating the same dose (2.5 g) delivered through a robot pellet reported +7.0 lb/cow/d ECM in mid-lactation cows (Schuling et al., 2025).

Together, these consistent responses confirm that DynOmik enhances ruminal fermentation efficiency, supports cow's energy demands throughout lactation, and translates to improved production performance.

References: Goetz 2023 and Schuling 2025

## Interested in Testing DynOmik?

Contact your Adisseo rep to discuss how DynOmik can fit into your customers' feeding programs!



<https://adisseomilksmart.com/login>



[www.adisseo.com](http://www.adisseo.com)

Copyright © Adisseo Inc. 2026 | SmartMail DynOmik Vol 1\_NA\_01/26

