



Cool Your Cows From The Inside Out.®

Heat stress is a **metabolic event driven by internal body temperature.**

Research shows that elevated body temperature is what initiates metabolic dysfunction—driving health, intakes, and production down during heat stress events.

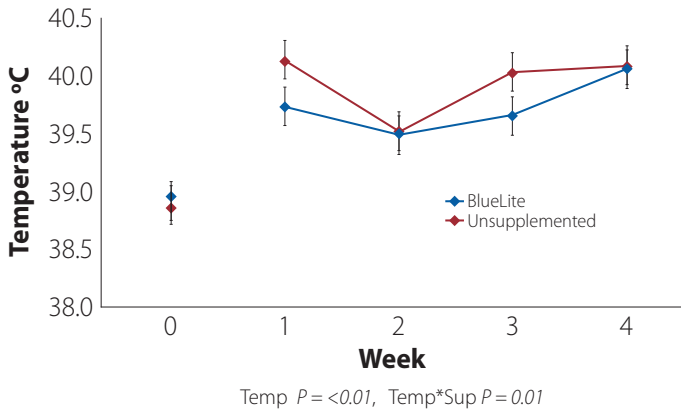
39.5 °C

Core body temperature
when heat stress begins



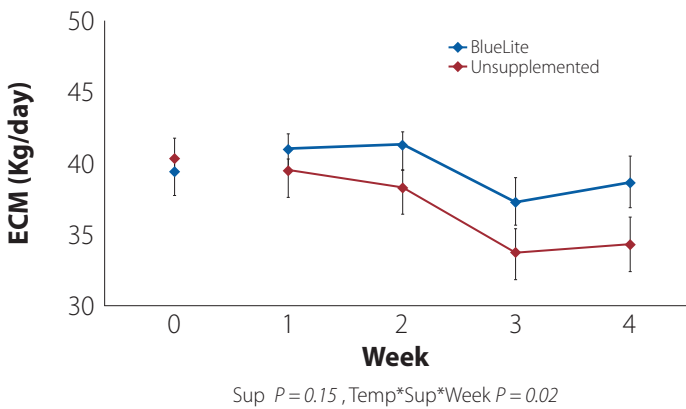
Bovine BlueLite® is proven to lower body temperature.

Fig. 1 - Effect of Bovine BlueLite on rectal temperature*



BlueLite lowered rectal temperature > 0.5°C on average over unsupplemented cows.

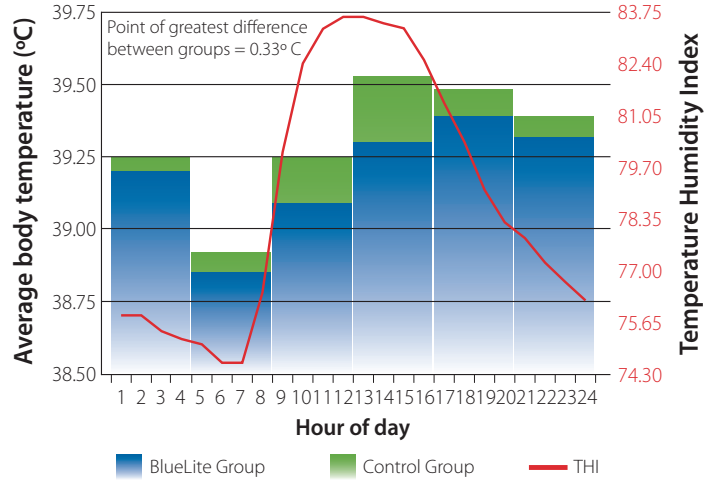
Fig. 2 - Effect of Bovine BlueLite on ECM*



BlueLite improved ECM 3 Kg/d over unsupplemented COWS.

*Martinez et al., University of Florida, ADSA 2023

Fig. 3 - Effect of Bovine BlueLite on body temperature**



Cool Your Cows From The Inside Out® with Bovine BlueLite



Help maintain of Lower Body Temperature: Bovine BlueLite® helps cows maintain a lower body temperature during high daily THI periods and resulting heat stress.

Enhance Heat Dissipation: Bovine BlueLite improves the cow's ability to dissipate excess heat, thereby reducing the negative impacts of heat stress.

Heighten Metabolic Flexibility: Bovine BlueLite increases blood glucose, the key fuel to synthesize lactose, maintains insulin levels and reduces circulating NEFA concentrations.

Increase Cow Productivity: Bovine BlueLite increases milk production and reduces nutritional inefficiency associated with immune activation due to stress.

References on file.