

# MAXIMIZE Returns in Today's Component Market

## Real Results with Amino Acid Balancing: Testimonial from Hyde Park Holsteins

Current strong milk protein prices are maximizing revenue potential for herds that boost component yield. This makes Amino Acid Balancing a high-return strategy right now.

### WATCH NOW: PRODUCER EXPERIENCE AT HYDE PARK HOLSTEINS



In this short testimonial, Kevin Siewert, Owner of Hyde Park Holsteins, shares how Smartamine® M has remained a core, high-value part of their nutrition program, supporting higher milk solids and overall productivity. **Currently, Hyde Park is producing 8.4 lb of total solids per cow/day and is targeting 9.0 lb.** Because this dairy has supplemented Methionine since 2007, they realize the full compounded value: long-term benefits to health and repro amplify the initial component gains. Hear Kevin describe how balanced Methionine strengthens component yield, efficiency, and lifetime performance.

### THE IMPACT OF METHIONINE ON COMPONENT YIELD

Amino Acid Balancing is critical for maximizing both protein and fat yield. Methionine is the primary limiting amino acid for milk protein synthesis and also acts as a key signaling molecule in the mammary gland. When absorbed, Methionine activates mTOR, increasing the rate of protein synthesis, and supports SREBP1-mediated lipid synthesis, enhancing de novo milk fat production. Through this dual mode of action, balanced Methionine consistently improves total solids shipped.

### PROVEN METHIONINE FOR HIGHER COMPONENTS AND HIGHER RETURNS

Across peer-reviewed trials, Smartamine® M or MetaSmart® consistently deliver highly available metabolizable methionine, supporting typical responses of: **+0.1 lb protein** and **+0.1 lb fat** (~0.1 % -unit protein and ~0.1% fat response per 10 g mMet; Bahloul & Whitehouse, 2024).

For a 100 lb milk yield cow, these responses deliver  $\approx \$0.50/\text{cow/day}$  in added component value (protein  $\approx \$0.3$  + fat  $\approx \$0.2$ ).



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Please reach out to discuss  
how Amino Acid Balancing strategies  
can best fit your herds' performance goals!



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