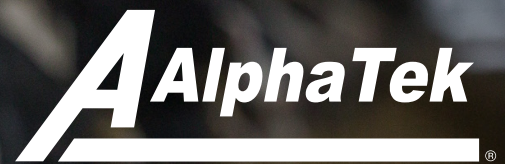


Improve Income Over Feed Cost



AAAlphaTek® is a supplement for lactating dairy cattle supporting positive production, rumen responses and income over feed cost.

AAAlphaTek offers an easy way to improve income over feed costs, and is backed by research and proven in the field. When added to the diet, AAAlphaTek enhances existing degradable protein sources by reducing ruminal protein degradation resulting in positive production responses.

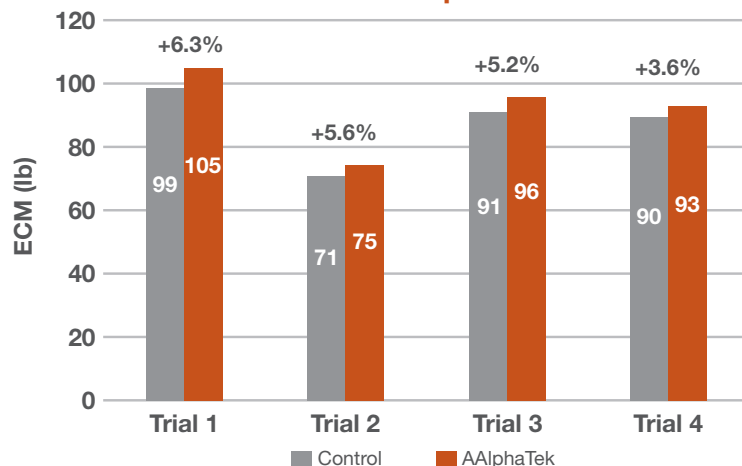
The proprietary blend of fermentation extracts, vitamins, minerals, protein sources and botanicals:

INCREASES ENERGY CORRECTED MILK YIELD

In research trials with lactating cows, an increase in energy corrected milk yield was demonstrated when AAAlphaTek was incorporated into the diet.

Figure 1

Energy Corrected Milk Yield Control vs AAAlphaTek

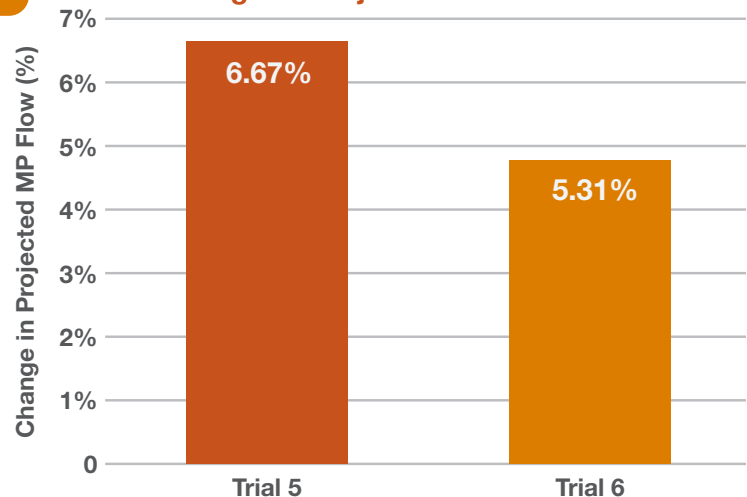


INCREASES FLOW OF METABOLIZABLE PROTEIN (MP) FROM THE RUMEN

Reducing ruminal degradation of protein sources increases the flow of MP to the cow's small intestine.

Figure 2

% Change of Projected MP Flow vs Control



Average income over feed cost increased across trials at \$0.30/head/day driven by production responses equating to a 4:1 return on investment.¹

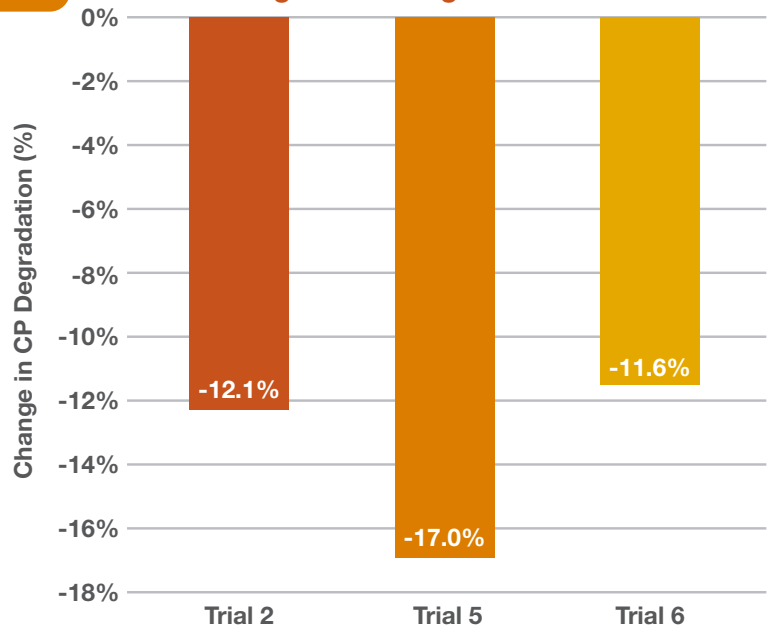


REDUCES PROTEIN DEGRADATION IN RUMEN

Supplementing with AAAlphaTek shifts rumen degradable protein (RDP) to rumen undegradable protein (RUP) increasing bypass protein, or RUP, concentration of diet.

Figure 3

% Change of CP Degradation vs Control



Recommended Feeding Rate

AAAlphaTek is designed to be added to a ration at the rate of 0.07 lb/head/day.

Recommended Use

In diets high in RDP, keep diet formulation similar and incorporate AAAlphaTek into the diet. The net result is an increase in the flow of MP to the hindgut to support additional production.

Where expensive RUP sources are used, there is an opportunity to reduce the supplemental protein cost by making greater use of RDP sources. The net result is a similar flow of MP to the hindgut at a lower cost.

Join the 380,000 cows already benefiting from AAAlphaTek.
Contact your local nutritionist or feed mill to learn more.

Proprietary Data from the following – Trial 1: Plymouth AAAlphaTek Trial (2004); Trial 2: Nottingham AAAlphaTek Trial (1999); Trial 3: RD2101 AAAlphaTek Trial (2021); Trial 4: Proprietary Data. RD2102 AAAlphaTek Trial (2021); Trial 5: Barcelona AAAlphaTek Trial (2004); Trial 6: West Virginia University AAAlphaTek Trial (2008).

¹ Proprietary data from trials 1, 2, 3 and 4 as well as two additional field demonstrations not shown.
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