



Features and Benefits

- Protected with an all-natural pH-sensitive biopolymer
- Optimized particle size and density to maximize passage rate and bioavailability
- Improved stability to help alleviate fragility concerns
- University confirmed 80% bioavailability
- Field-proven by hundreds of thousands of cows across the U.S. over the past few years

Get the inside scoop
Contact your local
Perdue Animal Nutrition
representative.



A next generation rumen-protected methionine supplement

A superior quality, highly bioavailable rumen-protected methionine based on leading research and proven results.

KESSENT™ Me Product Specifications

Item	Value
Methionine, min % as-is	75
RUP, %	90
RUP-Digestibility %	90
Metabolizable Methionine, % as-is	60

Production results

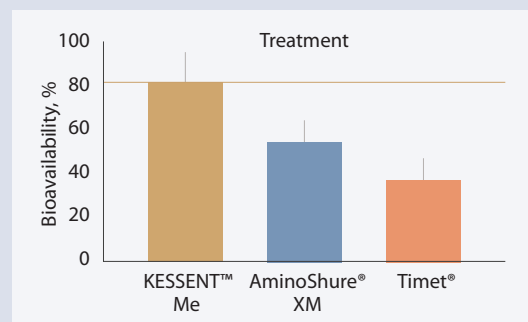
	Smartamine® M	KESSENT™ Me	AminoShure® XM	Timet®	SEM	P-Value
Milk, kg	41.4	41.4	41.2	41.2	0.98	0.86
Protein, %	3.06 ^a	3.07 ^a	3.04 ^{ab}	3.00 ^b	0.02	0.04
Protein yield, kg	2.77	2.79	2.73	2.68	0.07	0.08
Milk Se/Milk N	12.46 ^a	12.50 ^a	12.47 ^a	13.01 ^b	0.25	0.05

The values that do not share the same superscript letters in a row are different ($P \leq 0.05$).

- Bioavailability evaluated at Michigan State University¹
- 36 cows in a 4x4 Latin square
- Multiple commercial products fed to supply 15 g of metabolizable methionine based on manufacture specifications
- Similar milk protein percent and yield as well as bioavailability for KESSENT™ Me compared to leading products

Figure 1.

Bioavailability estimated via the Selonmethionine Method² assuming an 80% bioavailability for Smartamine® M. Means and standard errors generated via 100,000 replicates of a Monte Carlo simulation.



Citations

¹Parales-Giron et al., 2022 ADSA Abstract #2146m

²Weiss and St-Pierre, 2009 JDS 92:2835-2842
(<https://doi.org/10.3168/jds.2008-1882>)

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