



# Smartamine MAX

THE NEW STANDARD IN RUMEN-PROTECTED METHIONINE



WHEN RESULTS MATTER,  
**MAX MATTERS MOST**



BUILT ON THE TRUSTED SMARTAMINE LEGACY



**ADISSEO**  
A Bluestar Company

# THE BEST LEGACIES DON'T END, THEY *EVOLVE*

80%  
DL-METHIONINE

80%  
BIOAVAILABILITY

64%  
METABOLIZABLE  
METHIONINE

5 YEARS  
of focused  
development

70  
prototypes  
evaluated

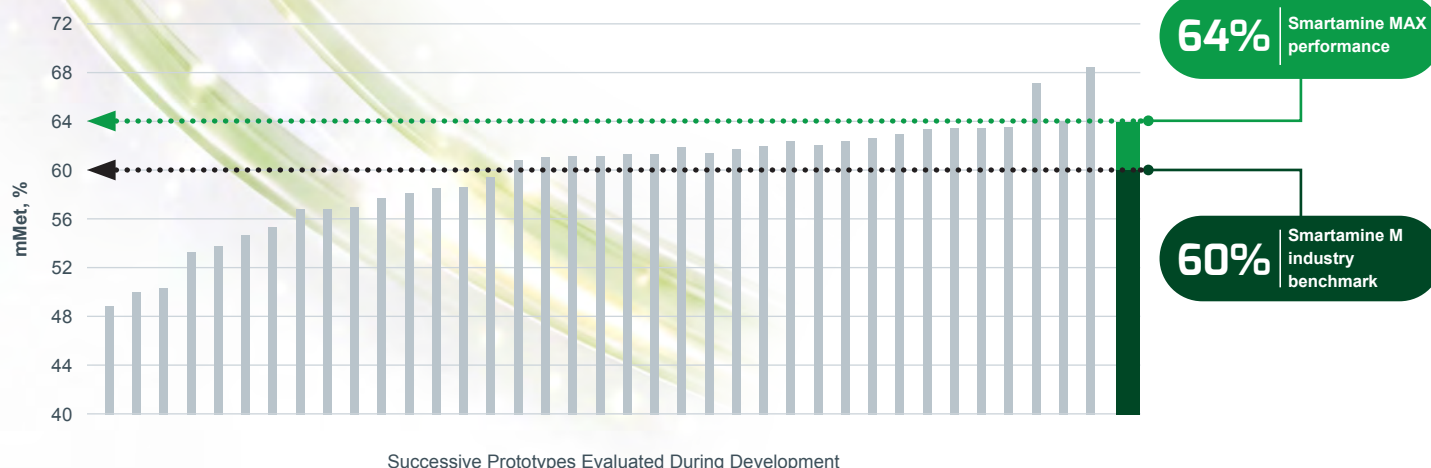
15  
in vivo  
studies

For more than 30 years, **Smartamine® M** has set the benchmark for reliable methionine delivery and consistent results, supported by extensive scientific research and used in the diets of **2.5 million cows worldwide**. **Smartamine® MAX** builds on that legacy.

**Smartamine MAX** combines two patented technologies; a unique methionine core formulation and a pH-sensitive coating to protect methionine through the rumen and enable targeted release for absorption.

## ENGINEERED, TESTED, AND REFINED over Five Years to Set a Higher Standard

*In vivo* evaluations at the University of New Hampshire (UNH) guided the development and refinement of **Smartamine MAX** to deliver **64% metabolizable methionine** (mMet; Graph 1).



# FORMULATE with Confidence. DELIVER What You Expect.

When product specifications overestimate mMet delivery, the cow will receive less than you formulate for, creating a gap that can limit expected performance (money wasted).

Graph 2: Targeted mMet delivery (manufacturer specifications) vs. actual delivery (based on UNH *in vivo* bioavailability testing) across products targeting 10g mMet/cow/day

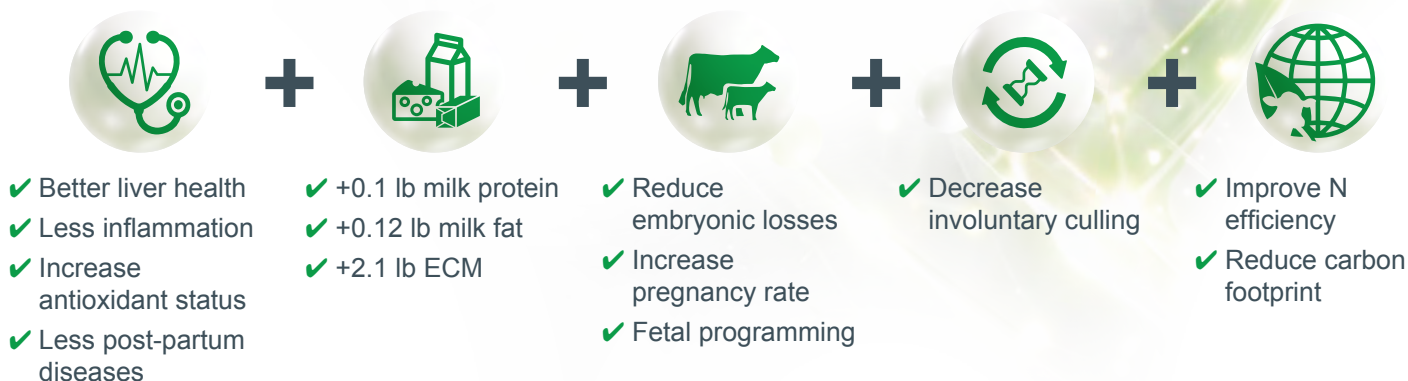


## RIGOROUS QUALITY CONTROL in Every Industrial Batch

Smartamine® MAX undergoes a rigorous three-step quality control process to ensure consistent delivery of metabolizable methionine. Our proprietary laboratory methods are calibrated against bioavailability measurements in lactating cow trials at UNH and verify each critical specification.



## When Results Matter, MAX MATTERS MOST



# PUT SMARTAMINE® MAX TO WORK IN YOUR HERD

Explore the potential production and economic value of optimized methionine nutrition with **MilkSmart 3.0**.

SCAN TO EXPLORE



## Smartamine MAX

THE NEW STANDARD IN RUMEN-PROTECTED METHIONINE

