

Novimet®

Rumen Bypass Methionine

SUPPORT - SOLUTIONS - RESULTS

MarsSyt

An Agricultural Company
Since 1995

Novimet® is a proven microencapsulated source of rumen-protected methionine.

DAIRY CATTLE

WHY NOVIMET®?

Published research highlights the numerous benefits seen when methionine supplies are optimized:

- Increased milk and ECM yield
- Greater milkfat and milk protein concentrations
- Positive impacts on developmental programming in offspring
- Heavier calf weaning weights
- Immune support and modulation of inflammation
- Moderated impacts of heat stress



KEY BENEFITS

Novimet® delivers methionine in a highly concentrated, rumen-protected form that is reliably easy to handle. Its coating was developed as a specific blend of palmitic, stearic, myristic and lauric fatty acids, researched and tested for the optimum balance of stability, rumen bypass and intestinal availability.

Novimet® contributes more than methionine to the ration. The fat from the coating is digested in the lower tract, serving as a source of valuable supplemental fatty acids and energy (NEL = 7.7 Mcal/lb).

FEEDING RECOMMENDATIONS

Lactating Cows: 5 - 80 g/hd/day

Beef: 5 - 20 g/hd/day

Consult your nutritionist for specific recommendations.



Available in 25 kg bags



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Novimet®

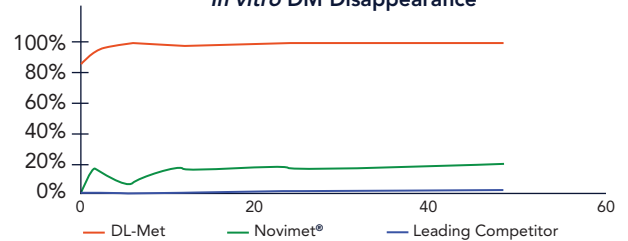
Over a 48-hour period, in vitro lab tests show that Novimet® remains stable in the rumen, compared to non-protected methionine.

Novimet® is rumen-stable, efficacious, and a cost effective source of rumen bypass methionine.
(University of Padova, 2012)

FORMULATION VALUES

Methionine, %	50.0
Fat, %	43.0
Ash, %	4.4
NEI, Mcal/lb	7.7
Crude protein (CP), %	27.0
Soluble Protein, A, % of CP	4.7
Slowly Degradable Protein B, % of CP	60.8
Undegradable Protein C, % of CP	34.5
RUP, % of CP	76.3
RDP, % of CP	23.7
Total tract undigestible protein, % of CP	6.7
digestible RUP, % of CP	69.6

Novimet® Rumen Stability In vitro DM Disappearance



	DL-Methionine	Competitor	Novimet®
RD - Dry Matter	98.3%	1.9%	5.1%
RD - Nitrogen	98.2%	1.2%	16.9%



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