

FORMI® 3G

The next generation of acidifiers.

FORMI 3G is a synergistically acting combination of 2 patented performance enhancers in which the Glycerin-Monolaurate will enhance the impact of the Diformate.

The advantages of FORMI 3G speak for themselves:

- Increased growth performance
- Strong and broad antimicrobial impact
- Significant reduction of diarrhoea risk

Hygiene and efficiency for the animals as well as optimal safety in producing meat are key requirements for modern animal production.

- Optimum safety for humans and the environment
- No residues
- Secure and easy handling



New mode of action

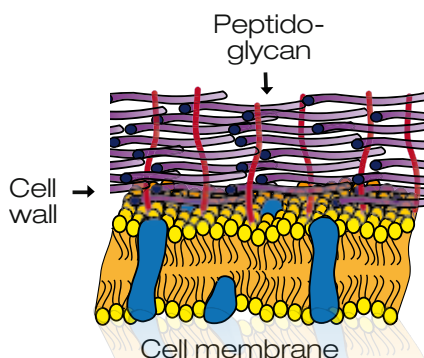
Strong and broad antimicrobial effect

Reduced risk of diarrhoea

Safe and easy to handle; non-corrosive

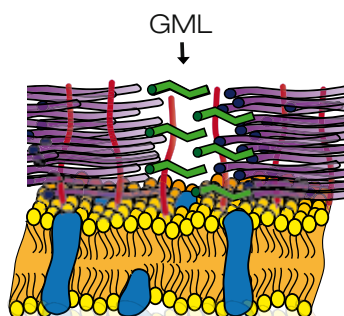
1. Step:

The cell wall protects Gram-positive bacteria from the influence of organic acids



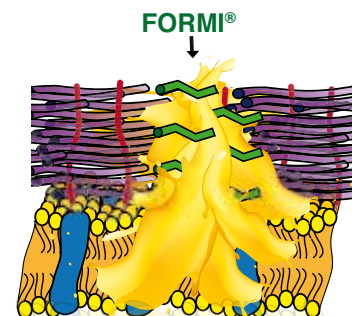
2. Step:

Glycerin-Monolaurate is inserted into the Peptidoglycan and is inducing cell wall-lysis



3. Step:

Diformates can enter into the bacteria through the cell membrane (Trojan horse principle) → no duplication / cell death



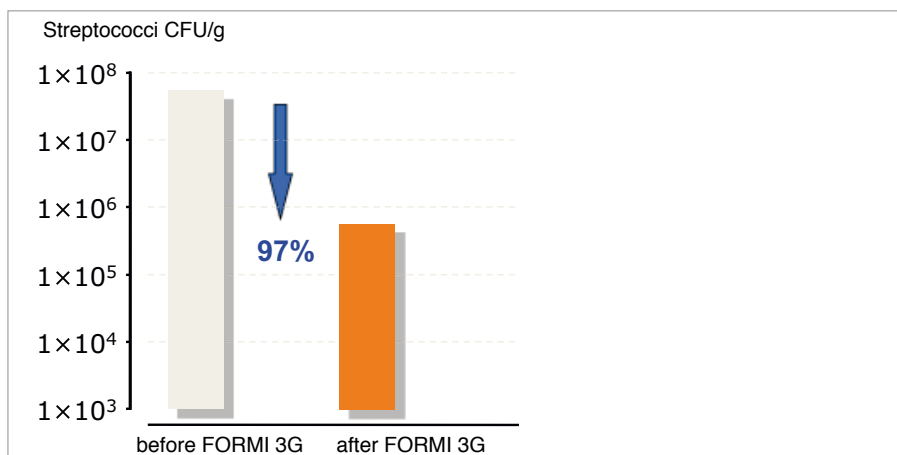
Proven Efficacy of FORMI® 3G

Trial 1: FORMI 3G increases piglet growth till weaning

	Control	1.0% FORMI® 3G in sows	Difference (%)
weaned piglets (n)	11.95	12.25	+ 2.5
Litter weaning weight (kg)	82.44	90.78	+ 10.1
Weight gain (g/d)	256	279	+ 9.0

Lückstädt et al., 2017

Trial 2: FORMI 3G reduces the incidence of Streptococci in the faeces of sows during lactation



Hittel and Lückstädt, 2017

Trial 3: FORMI 3G increases piglet growth after weaning (42 days)

	Control	1.2/1.0% FORMI® 3G	Difference (%)
Final weight (kg)	25.82	27.66	[+1.84 kg]
Weight gain (g/d)	442	478	+8.1
FCR	1.46	1.37	-6.2
Diarrhoea score*	0.28	0.20	-29.1

*0=normally shaped faeces; 1=shapeless (loose) faeces; 2=thick, liquid (soft) faeces; 3=thin, liquid faeces (watery diarrhoea)

Technical Data

Composition:

Sodium formate (E237), Formic acid (E236) and Mono – Triglycerides of fatty acids (13.6.3)

Recommended dosage:

Piglets:

6-10 kg/t of feed



Fatteners:

5-8 kg/t of feed



Sows:

5-8 kg/t of feed



Under challenged conditions the dosage can be increased to 15 kg/t.

Packaging: 25 kg paper-bag

Storage: in a cool and dry place

Shelf-life: 18 months



Certification



ADDCON –
EU-hygiene regulation 183 / 2005:
α-Nr. Bitterfeld: DE ST 100033, DE ST 100024
α-No. Porsgrunn: α NO 10050081

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