



FORMI® NDF

The quality enhancer

Hygiene and efficiency for pigs and birds as well as optimal safety towards producing meat are key requirements for modern swine and poultry production.



FORMI NDF fulfils these demands:

- Strong anti-microbial effects
(*E. coli*, *Salmonella*, *Campylobacter*)
- Safe and easy handling, non-corrosive
- Optimized feed efficiency
- Supports growth performance

Effective against *E. Coli*

Strong anti-Salmonella action

Supports growth performance

Mode of action

Large intestine

- Promotes the natural microflora
- Reduces coliforms and salmonella

Small intestine

- Decreases pH by 0.3 to 0.5 units
- Decreases coliforms and salmonella
- Increases secretion of digestive juices
- Improves digestibility of nutrients

Stomach

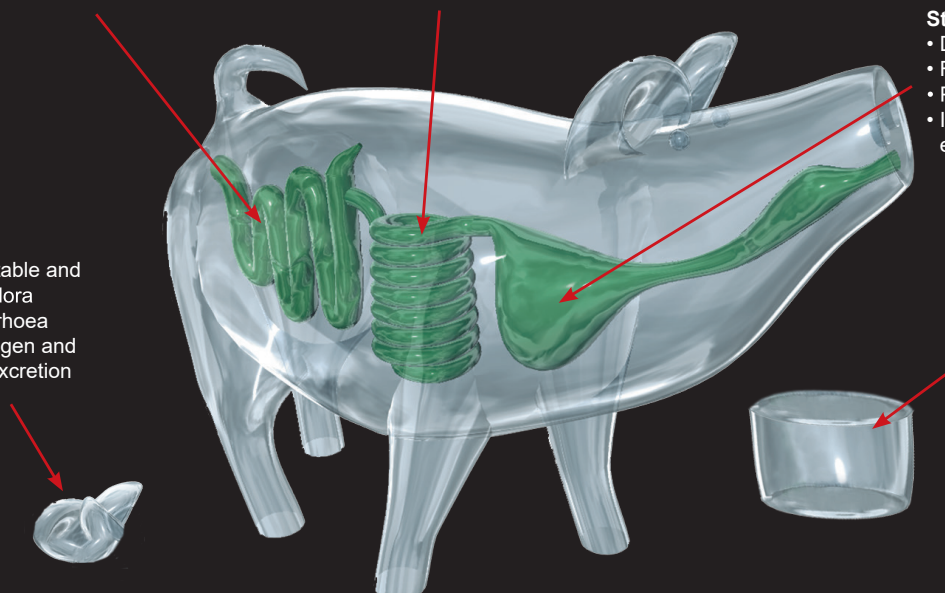
- Decreases pH
- Reduces coliforms and salmonella
- Promotes natural microflora
- Improves activity of digestive enzymes

Faeces / urine

- Promotes a stable and normal microflora
- Reduces diarrhoea
- Reduces nitrogen and phosphorus excretion

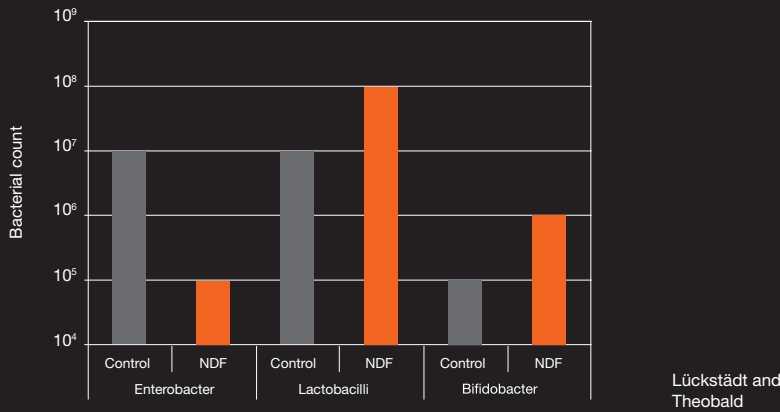
Feed

- Antimicrobial effects
- Increases feed intake



Proven efficacy of FORMI NDF

Trial 1: Effect of FORMI NDF on bacterial microflora in the small intestine



Trial 2: Daily weight gain, FCR and mortality of growing pigs on day 71 (with %-difference from control)

	Control	0.4% FORMI NDF	Difference [%]
Daily weight gain (g)	661	714	+8.0
FCR	1.64	1.58	-3.7
Mortality (%)	3.8	2.6	-31.6

Astion Europe, 2012

Trial 3: Performance parameters and gastrointestinal pH and -pathology of pigs fed 0.5% FORMI NDF for 40 days (IW: 43.0 kg)

	Negative control	0.5% FORMI NDF	Difference [%]
Final weight [kg]	66.3 ^a	72.9 ^b	+10.0
ADG [g/d]	568	747	+31.5
Pathological signs GIT [%]	40 ^a	0 ^b	-100
Stomach pH	5.1 ^a	4.5 ^b	-0.6 units

Lückstädt and Lorenz, 2015

Trial 4: Impact of FORMI NDF on piglet ADG and Gain:Feed ratio till 21 days post-weaning under poor sanitary conditions (IW: 7.6 kg)

	Control	1.2% FORMI NDF	Difference [%]
ADG [g/d]	430 ^a	486 ^b	+13.0
Gain : Feed ratio	0.705 ^a	0.760 ^b	+7.5
ATTD of CP [%]*	77.0 ^a	80.0 ^b	+3.9

*ATTD: Apparent Total Tract Digestibility, University of Alberta - Canada, 2017

Technical Data

Composition:

Sodium formate (E237) and formic acid (E236)

Recommended dosages:

Broiler: 1-2 kg/t of feed



Layer: 2-3 kg/t of feed



Sows: 5-8 kg/t of feed



Piglets: 4-10 kg/t of feed



Fatteners: 3-6 kg/t of feed



Calves: 3-5 kg/t of feed



Packaging:

25 kg plastic 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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