

- **Dosage:** Add **Aromabiotic Poultry** from the first day to have an optimal result in broilers and turkeys. Although the dose can be farm specific, the following inclusion rates are advised:

Broilers	Aromabiotic Poultry (kg/Mton)	Aromabiotic Poultry liquid (kg/Mton)	Turkeys	Aromabiotic Poultry (kg/Mton)	Aromabiotic Poultry liquid (kg/Mton)
0-10 days:	1.6	1.0	0 - 8 weeks	1.6	1.0
10-21 days:	1.2	0.7	8 - 12 weeks	1.2 - 1.6	0.7 - 1.0
21-35 days:	0.8 - 1.2	0.5 - 0.7	>12 weeks	0.4 - 0.8	0.25 - 0.5
> 35 days:	0.4 - 0.8	0.25 - 0.5			



- **Packaging: Aromabiotic Poultry:** bags of 25 kg
Aromabiotic Poultry liquid: IBC 900 kg
- **Storage:** Store cool and dry

The starting point for rearing healthy, productive animals is **safe nutrition**.

Active in over 60 countries worldwide, we produce premixes, concentrates, nutritional concepts and functional feed ingredients for the animal feed industry.

We strive to constantly innovate, and at the heart of our unique ingredients are our ongoing research, development and testing programmes. We are widely acknowledged as the industry's benchmark for increasing yields and reducing disease naturally.

Through our worldwide reach, constant innovation, thorough testing and proven results, we are proud to say that, today and tomorrow, Nuscience will remain at the heart of feed.



Visit us at www.nusciencigroup.com



POULTRY

KNOWLEDGE PARTNER IN NUTRITION AND HEALTH

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aromabiotic poultry
healthy feed for healthy food

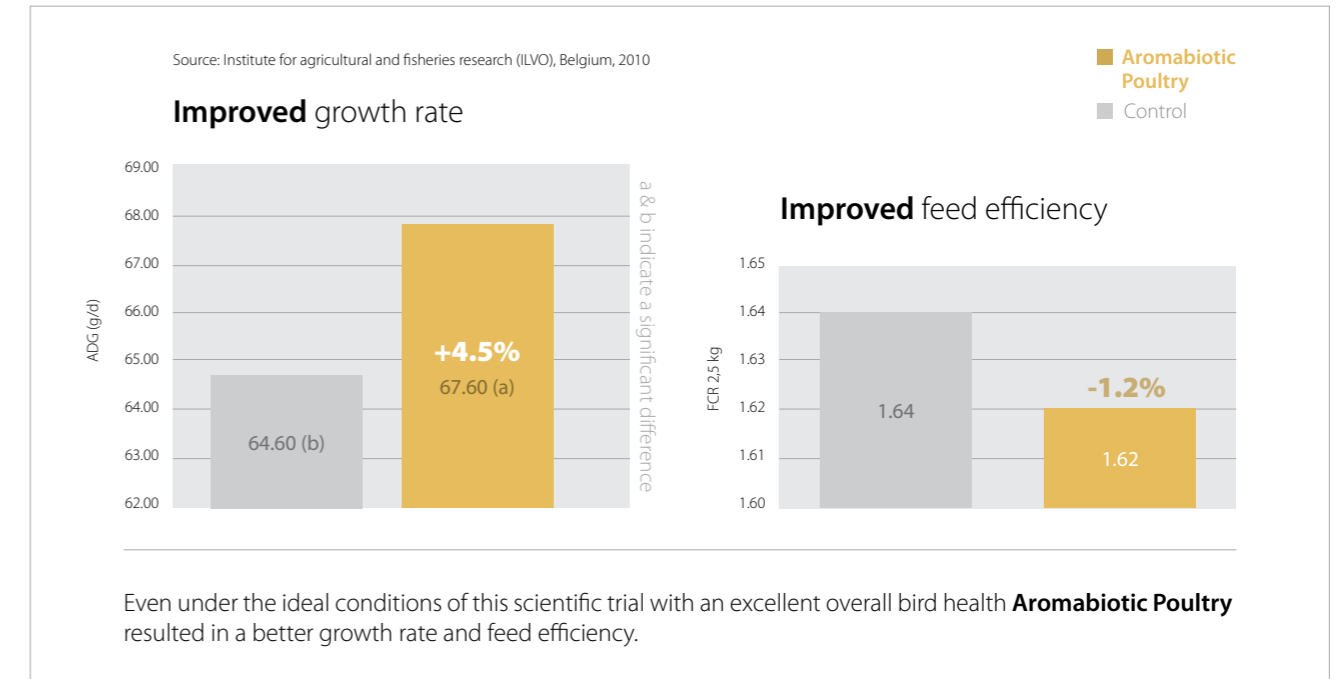


Aromabiotic® Poultry

Carefully balanced mixture of Medium Chain Fatty Acids (MCFA) with unique antimicrobial, physiological, and immunological properties.



Trials with Aromabiotic® Poultry



Aromabiotic® MCFA, acids with added value

1 Highly antimicrobial

Cell membrane permeabilisation and destabilisation together with cell content acidification and DNA intercalation result in high antimicrobial activities of Aromabiotic MCFA. This results in a stabilising effect on the gut flora.

3 Reducing pathogen virulence

Aromabiotic MCFA reduce virulence through their anti-invasive effect on pathogens like *Salmonella* and their inhibitory effect on microbial lipases (needed for pathogen attachment).

2 Improving intestinal morphology

By improving villi/crypt ratios Aromabiotic MCFA result in a better intestinal morphology increasing nutrient absorption.

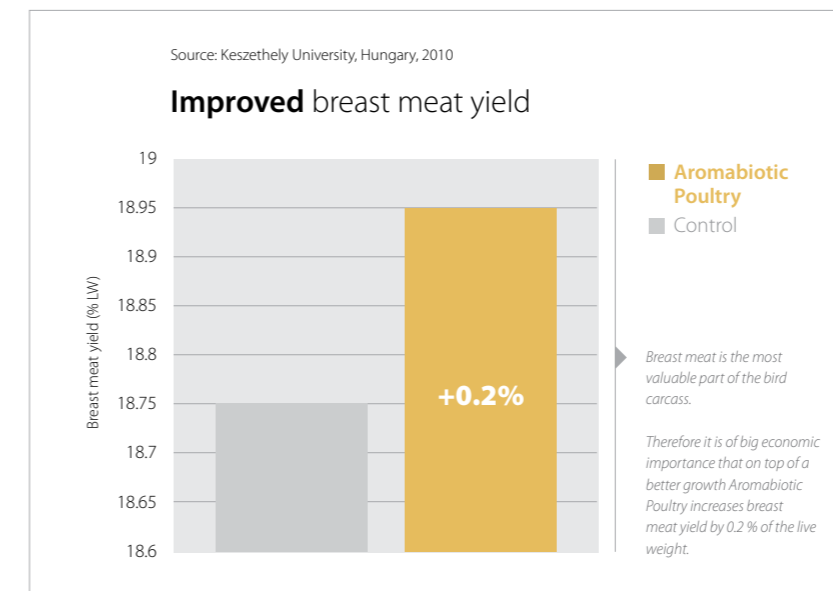
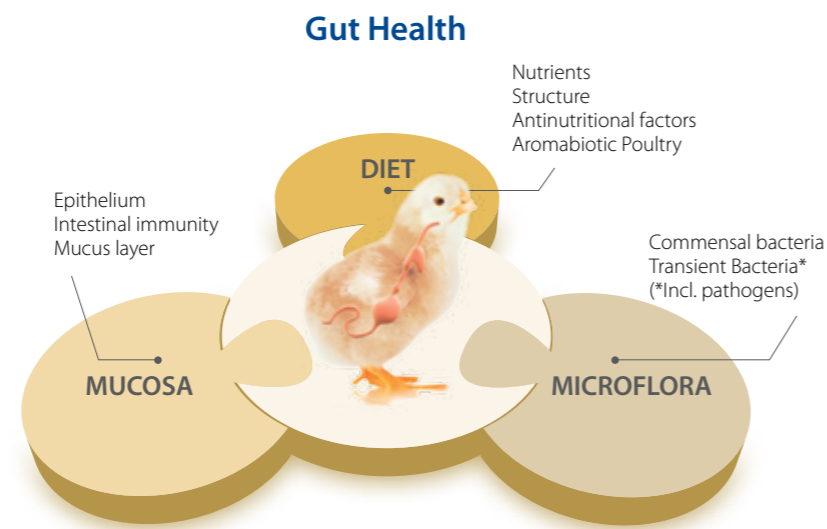
4 Improving immunity

Through a beneficial effect on neutrophil quality Aromabiotic MCFA improve immunity.

Gut health is of utmost importance to ensure broiler production profitability.

For years the focus of broiler breeding companies has been the improvement of growth rate and feed conversion. These improvements have put tremendous stress on the health of the animals with an increase in the incidence of metabolic disorders. Therefore bird health and more specific gut health, plays an important role in ensuring optimal performance.

Gut health is influenced by 3 major factors being continuously in interaction with each other. By supplementing **Aromabiotic Poultry** to the diet the microflora and mucosa are influenced in a positive way, resulting in improved health and zootechnical performances.



Additional features:

- ▶ improved health status
- ▶ reduced veterinary costs
- ▶ less mortality
- ▶ improved litter quality

The insurance for your business

Scientific results were confirmed in numerous **field trials** using different broiler genetics all over the world :

- 2.3 – 4.6 % increased daily gain
- 1.2 – 2.5 % improved feed conversion ratio