

Specially developed for day old chicks

DOC Star, brooding complement in fine mash or crumble for day old chicks.

- **Use**

Administer 20 gram/chicken on paper and provide enough clean drinking water. **DOC Star** should be provided on paper and simultaneously with the common (pre)starter feed which is offered in the feeders.

- **Package**

Bags of 25 kg.

- **Storage**

Store cool and dry.



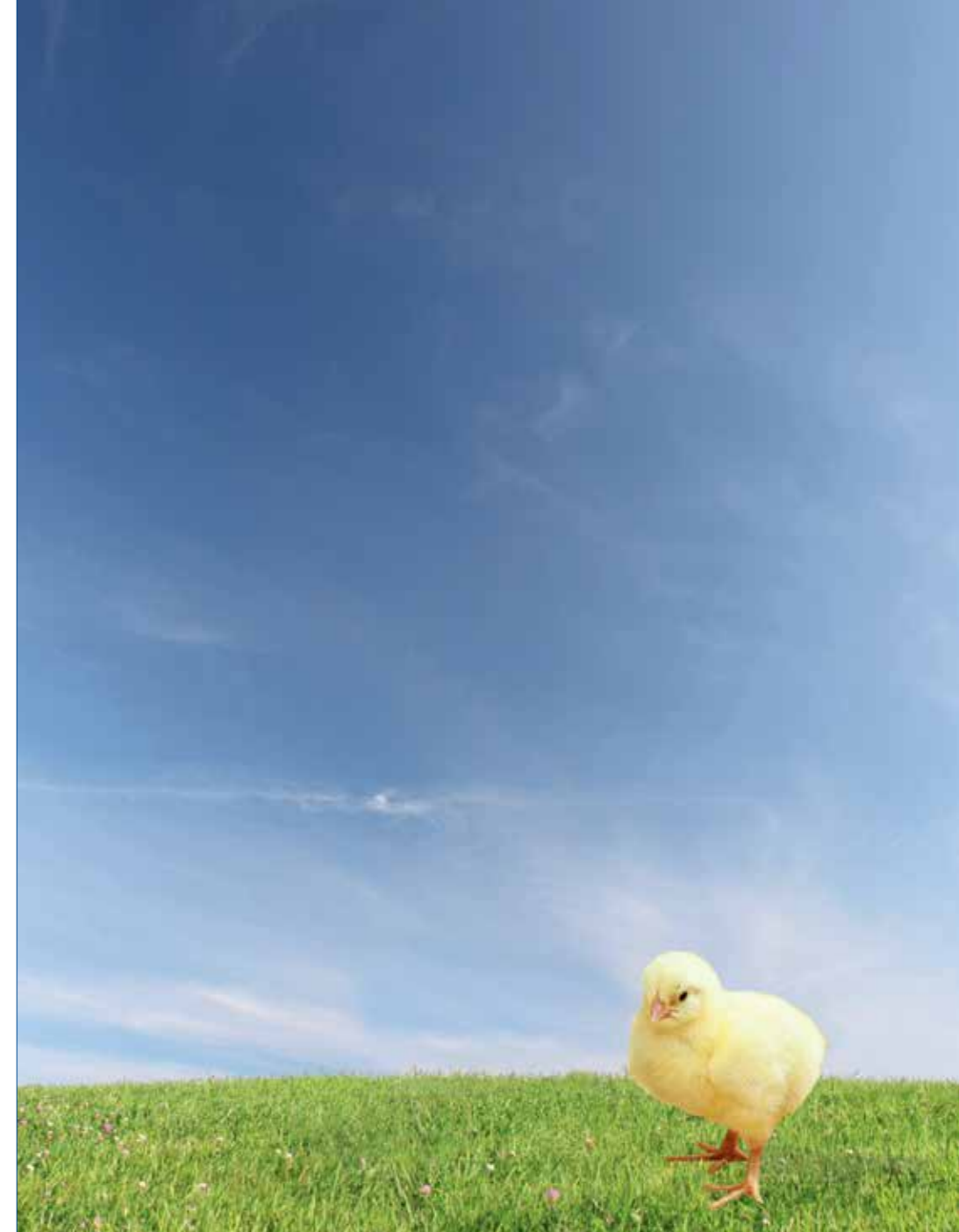
Complies with KB of February, 8, 1999 (BS 21.04.99) and MB of February, 12, 1999 (BS 21.04.99) concerning trade and use of substances destined for animal feeding.

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 your knowledge partner in nutrition and health.



Visit us at www.nusciencegroup.com



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KNOWLEDGE PARTNER IN NUTRITION AND HEALTH

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DOC star
brooding

nuscience
safe & innovative nutrition

Only one day old... and already a STAR

In modern broilers, attention to the first days of life is critical to achieve the best possible performance later. The growing period progressively decreases and the chick's first days relatively become more important. The limited digestible capacity during the brooding period requires a specific adapted diet. Therefore, high quality nutrients provided early in life are needed to ensure the early development of the bird's intestinal integrity, immunity, skeleton and organs.

To overcome the difficult post hatch period, Nuscience has developed **DOC Star**, a brooding complement with high quality ingredients to ensure the optimal start of your day old chicks. **DOC Star** stimulates:

1. early feed intake
2. development of the digestive system
3. the innate immunity

1. Early feed intake

Using palatable and highly digestible ingredients, either in a fine mash or crumble, stimulates early feed intake. This will initiate development of the digestive capacities and stimulate the yolk absorption resulting in less yolk sac inflammation and in improved transfer of maternal antibodies.

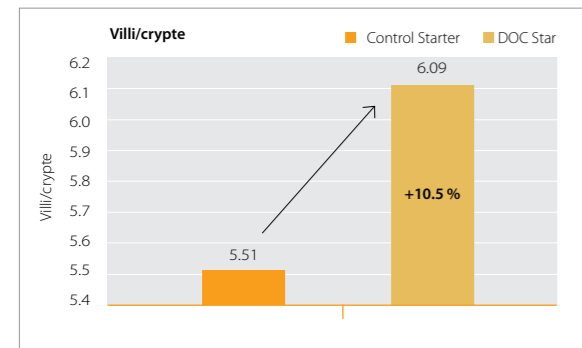
v Control Starter



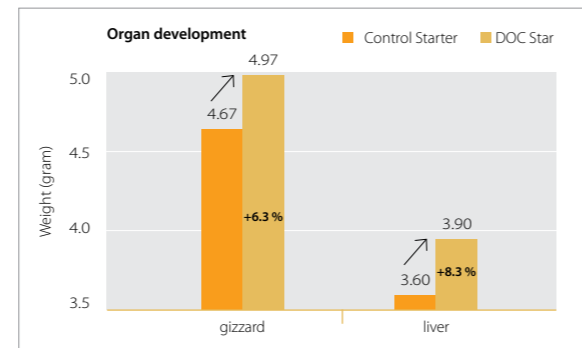
^ DOC Star

2. Development of the digestive system

Immediately after hatching, important physiological and metabolic changes occur including phenomenal growth of the gastrointestinal tract (GIT), increased secretion of the digestive enzymes, increased overall gut surface for absorption and development of organs (gizzard, liver, pancreas, lungs, heart). **DOC Star**, a brooding complement, containing highly digestible nutrients to build-up the GIT and the organs, has a positive influence on performance of the day old chick and improves the efficiency later on in the growing phase.



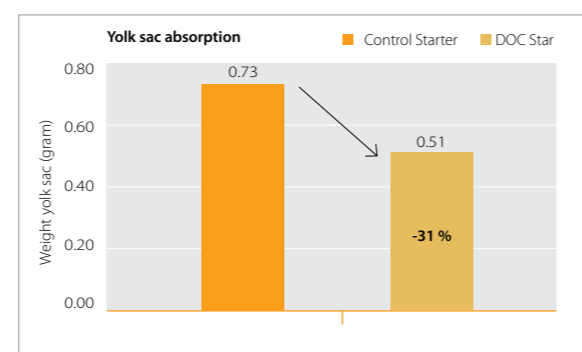
*Age of the birds: 4 days



*Age of the birds: 4 days

3. The innate immunity

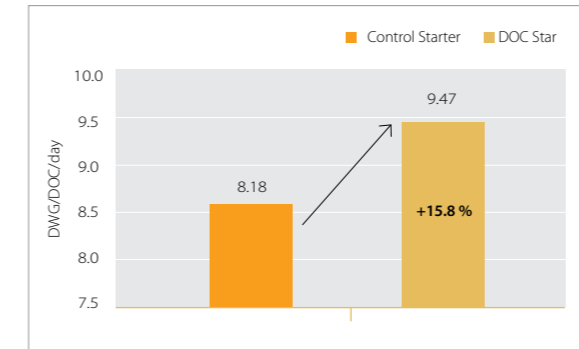
If the energy and protein needs of the day old chick are covered soon after hatching with **DOC Star**, the yolk will be better used as a source of immunoglobulines in order to increase the innate immunity of the bird. Moreover, **DOC Star** contains **Aromabiotic Poultry** which maintains a healthy gut by reducing the numbers of opportunistic pathogens such as *Clostridium Perfringens* and *Escherichia Coli*.



*Age of the birds: 4 days

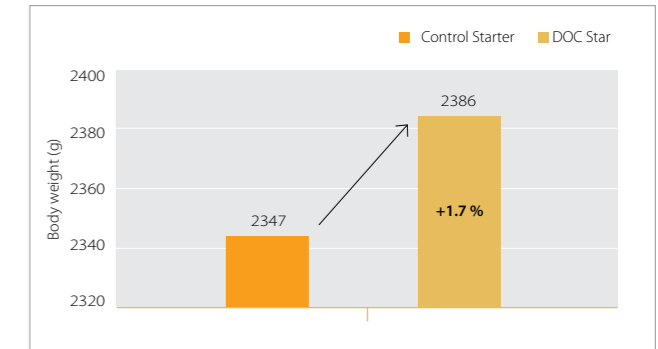
A better start with **DOC Star**, resulting in more active, uniform day old chicks

1. Improving daily weight gain (DWG) during the first days resulting in higher final body weight



*Daily weight gain after 2 days

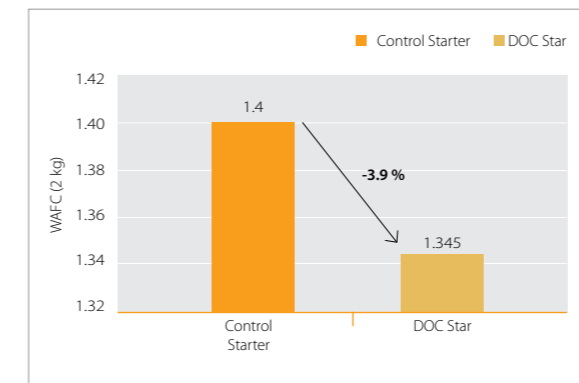
DOC Star containing palatable and highly digestible nutrients stimulates the early feed intake, resulting in improved daily weight gain during the first days already.



*Age of the birds: 38 days

A faster start with **DOC Star** remains persistent until slaughtering.

2. Improved feed conversion

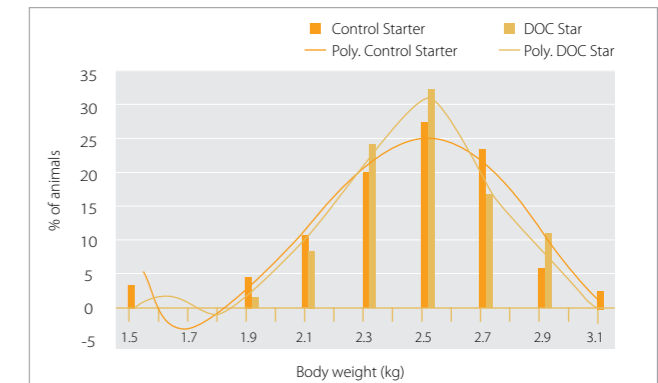


*Age of the birds: 38 days

WAFC: 1 point = 25 gram

The increased absorption capacity (microvilli) and better functioning of the organs results in a better feed conversion.

3. Improving flock uniformity



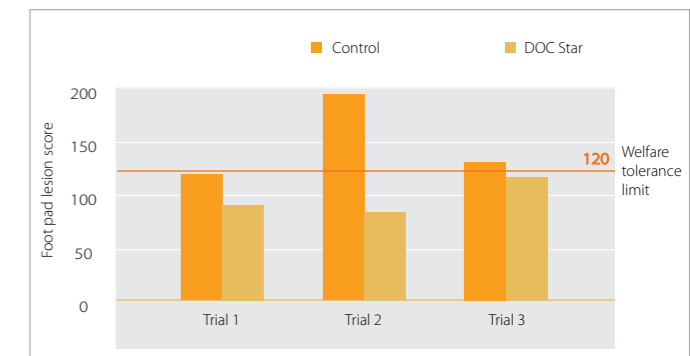
*Age of the birds: 38 days

Day old chicks should eat and drink as soon as possible after hatching. Not only does **DOC Star** stimulate activity, it also improves uniformity.

4. Reducing mortality and improving foot quality



By improving the yolk sac absorption and by controlling pathogenic bacteria less yolk sac inflammations will occur.



Less foot pad lesions and hock burns at slaughter indicate a higher welfare status. In many countries a foot pad lesion score >120 implicates obligatory decrease of the bird density.