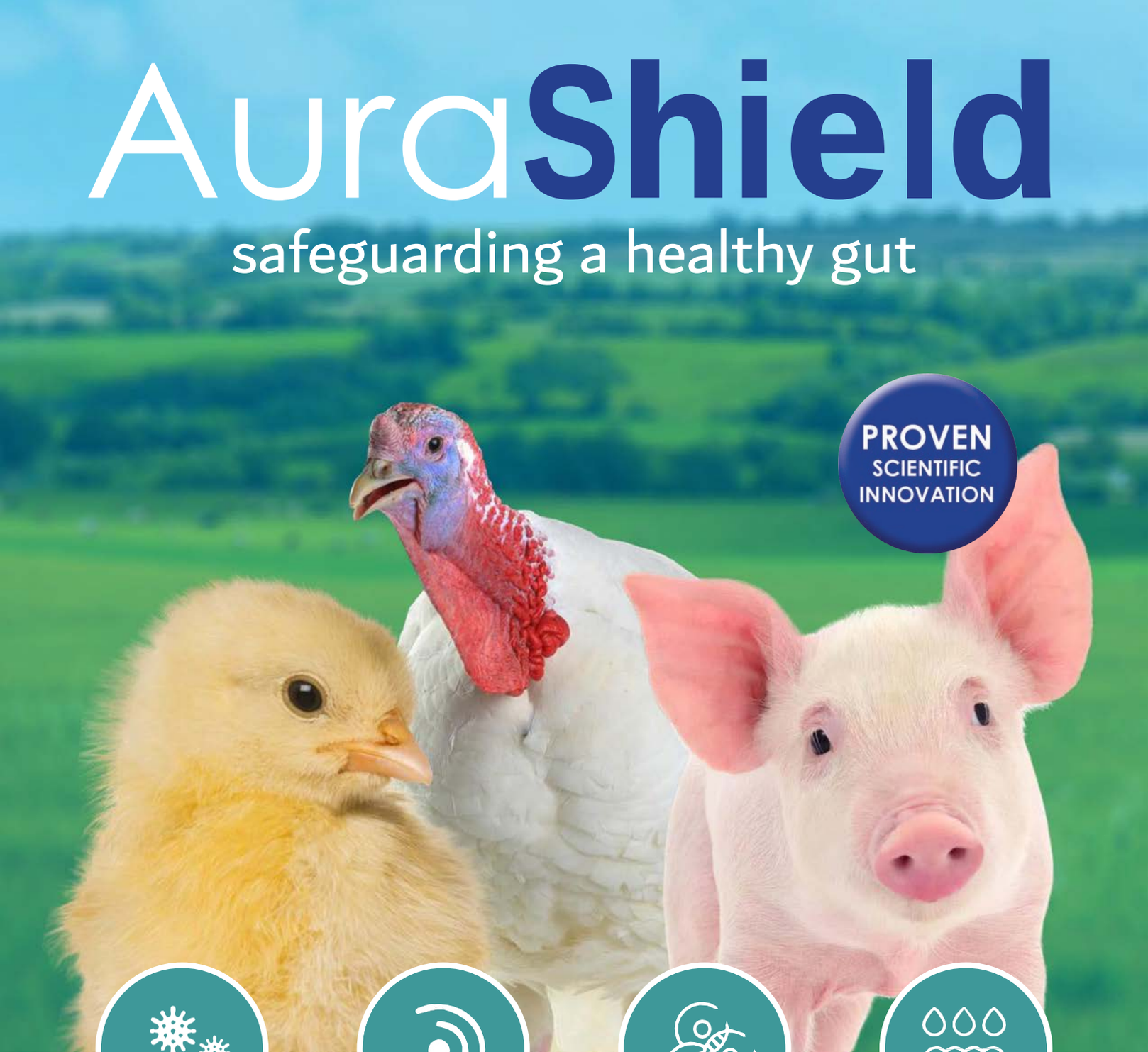
AuraShield

safeguarding a healthy gut



Reduces the risk of infection by improving gut health

Stimulates recovery after infection by reducing inflammation

Restores and protects the cells due to antioxidative properties

Improves nutrient absorption

AuraShield sustains a healthy gut,
increasing weight gain in swine and poultry

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SUSTAINING HEALTH NATURALLY

AuraShield

safeguarding a healthy gut



Swine and poultry are susceptible to stress and diseases, which are detrimental to the growth of the animals and can lead to reduced weight gain.

Research shows that the gut microbiome plays an important role in the long-term health of swine and poultry by impacting their metabolism and immunity. Helping the animals to develop a healthy and diverse gut microbiome will have a positive and durable impact on their overall health.

AuraShield is a complementary feed that promotes a healthy gut microbiome, reduces inflammation and prevents cell oxidative stress, resulting in a reduced risk of infection and better nutrient absorption.

Why farmers use AuraShield

The product AuraShield is the result of several years of research and development including many feed trials in collaboration with farmers and veterinarians. It has been proven to have a positive effect on the gut microbiome and on different cellular mechanisms, thereby supporting the health and well-being of the animals.

This multi-approach product leads to improved feed conversion ratios with less feed needed to obtain the same weight gain. AuraShield is therefore an economic solution for maintaining the health of pigs and poultry.

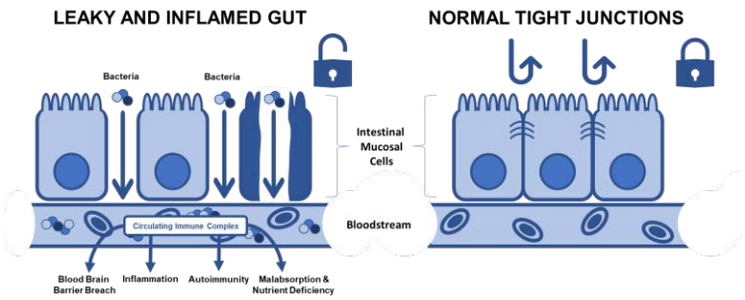
AuraShield is easy to use as it can be added to the drinking water of the animals. The product dosage and administration periods can be adjusted to respond to the needs on individual farms. These strategies can be discussed with our advisory team to create a specific programme.



AuraShield reduces the risk of infection by improving gut health

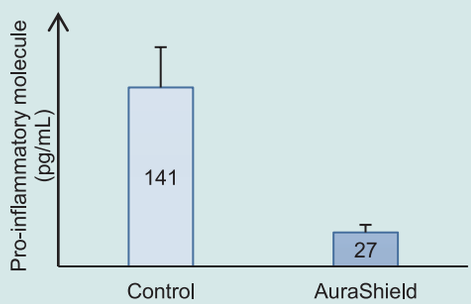
AuraShield promotes gut health by maintaining a healthy diverse gut microbiome with a measurable increase in Lactobacilli and Bifidum bacteria. This makes it more difficult for pathogens to invade the gut.

AuraShield promotes a strong gut barrier by improving tight junctions integrity. It also stimulates the production of mucus which seals the gut. A good junction integrity and high mucus secretion prevent a leaky gut and provide a barrier against pathogens.



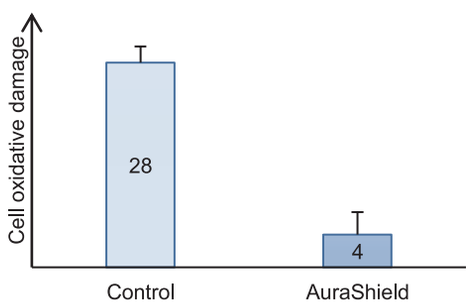
AuraShield reduces inflammation

Pro-inflammatory molecules are being produced by immune cells in response to infection by pathogens. However, an excessive production of these molecules after infection triggers inflammation which can lead to disease. AuraShield reduces the production of these pro-inflammatory molecules, preventing inflammation.



AuraShield restores and protects the cells

AuraShield is an antioxidant. It inhibits the production of oxidative molecules, such as hydrogen peroxide, that damages cellular membranes. By helping with the restoration of the cellular membrane, AuraShield further reduces the risk of infection.



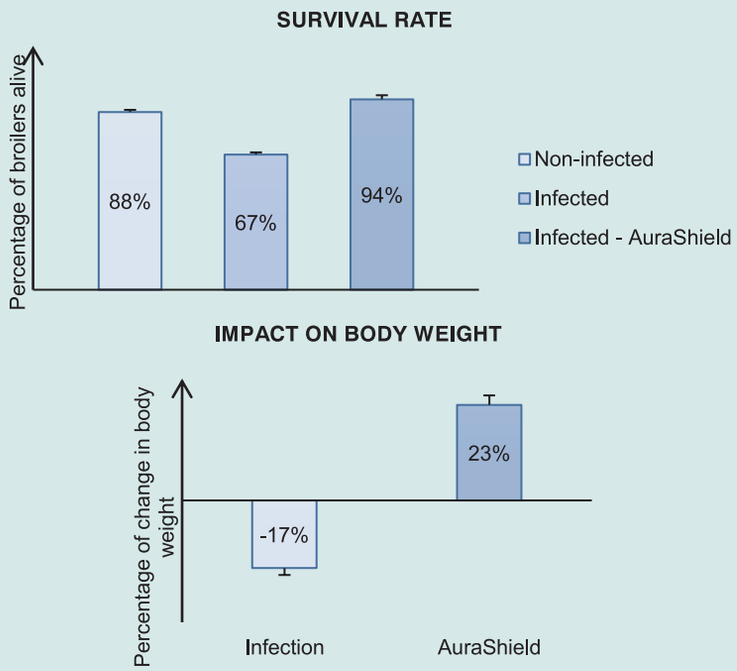
AuraShield improves nutrient absorption

AuraShield promotes gut health by maintaining a healthy gut flora and preventing a leaky gut. AuraShield also reduces gut inflammation and supports the maintenance of cellular membranes.

The combined benefits of AuraShield for gut health result in better nutrient absorption. This leads to improved feed conversion and enhanced weight gain.

AuraShield increases survival rate and weight gain in broilers

During independently monitored trials with broilers suffering from Infectious Bronchitis Virus (IBV), the birds that received AuraShield for 5 days significantly outperformed those fed the control. AuraShield significantly increased the survival rate of infected broilers at day 28 by 41% compared to the control. In addition, broilers receiving AuraShield also demonstrated a 23% increase in final body weight when compared to the control group.



"The new standard in your feeding programme"

AuraShield has been formulated and developed by scientists at the Irish biotechnology company Auranta, which was founded in 2013. The effectiveness of the products developed by Auranta is supported by innovative research and is proven by monitored and controlled trials:

- ✓ 19 papers published in international peer reviewed scientific journals
- ✓ 15 university monitored feed trials with calves, poultry, pigs, shrimps and fish

Auranta is a GMP+ certified company, meeting requirements and conditions for the assurance of feed safety.



AuraShield is available as a liquid or powder to be used following those general instructions:

Poultry programme

AuraShield L can be added to the drinking water at a concentration of 1 L per 1,000 L water (0.1%) in 2-4 periods with 5 days per period. An interval period of at least 3 days should be employed between dosing periods.

Swine programmes

AuraShield L can be added to the drinking water at a concentration of 4 L per 1,000 L water (0.4%) for 6 weeks post weaning.

AuraShield P can be added to the feed at a concentration of 2 kg per 1000 kg feed.

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