

Welfare Management



Ensure the flock welfare by proactively managing stressors and their consequences



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Addressing your flock's needs

- A good welfare program includes providing a diet that promotes maintenance and growth, while managing health, maintaining bone structure and good litter quality.
- During stressful events such as heat stress, transportation, antibiotic therapy, and vaccination stress, the ability to absorb and utilize nutrients for maintenance and growth can be compromised due to reduced intestinal barrier function.
- Compromised intestinal barrier function can result in wet litter, footpad dermatitis, or challenges associated with pathogenic bacteria entering the body and causing bacterial chondronecrosis with osteomyelitis (BCO) lameness or affecting chick quality.
- Therefore, the needs for welfare management in poultry production are:
 - ▶ Finding effective solutions to proactively manage stressors in poultry
 - ▶ Overcoming the negative consequences of enteric stress

Welfare management portfolio offering

Proactively managing welfare from a dietary perspective includes strengthening intestinal barrier and preventing consequences of intestinal barrier damage. A **synbiotic** helps to improve intestinal barrier function to help. A novel **precision-biotic** redirects leaked nutrients away from opportunistic pathogens and towards productive microbial protein metabolism. A comprehensive **mycotoxin risk management** strategy helps to eliminate the risk of mycotoxins affecting and compromising intestinal barrier functions. It is important to have a monitoring system in place, like **blood biomarker modeling**, to prevent health issues before they happen. Similar to monitoring the health of the birds, the environmental footprint can be calculated for **sustainability measurements** to understand differences from before and after changing flocks.

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