

ANIMAL PERFORMANCE STARTS IN THE GUT

Maintaining a stable digestive tract functioning is crucial, because the gastrointestinal tract is responsible for nutrient and water absorption, barrier function and interaction with the immune system. When gut integrity is compromised, nutrients may be used less efficiently, and animals can become more susceptible to challenges.

The MAXFERM line is a fungal postbiotic produced by fermentation of a plant substrate with selected fungi. It combines functional metabolites with degrading activity that can help release nutrients from the feed matrix while supporting processes associated with gut integrity.

WHY GUT INTEGRITY MATTERS



A resilient gastrointestinal tract can contribute to:

- ✓ Efficient nutrient digestibility
- ✓ Effective barrier function
- ✓ Targeted immune response
- ✓ Animal resilience and performance

SCIENTIFIC EVIDENCE



In an *in vitro* cell model, the MAXFERM line improved several cellular functions related to gut integrity, including:

- Innate immune response
- Vascularization
- Barrier function and permeability
- Tissue regeneration



These biological processes play an important role in maintaining a functional and resilient gastrointestinal tract. By supporting gut integrity and nutrient availability, the MAXFERM line contributes to improved animal performance.

1
Break up fiber matrix



2
Release nutrients



3
Support gut integrity

All technical statements are based on scientific literature and trial results. References and trial details are available upon request.