



SUMIFLORA® - LP

Paraprobiotics for Gut Health

PRODUCT BENEFITS

SUMIFLORA® - LP supports healthy growth in broilers through a balanced gut environment and immune modulation.

WHAT IS SUMIFLORA - LP?

- **AAFCO Definition:** Dried *Lactobacillus plantarum* fermentation product
- **Key features:**
 - Paraprobiotic (inactivated microbial cells) for safety and stability
 - Selected from hundreds of natural strains for its potential immune-modulating properties
 - A non-antibiotic feed ingredient designed to support gut health and performance

ANIMAL NUTRITION BENEFITS



GUT HEALTH

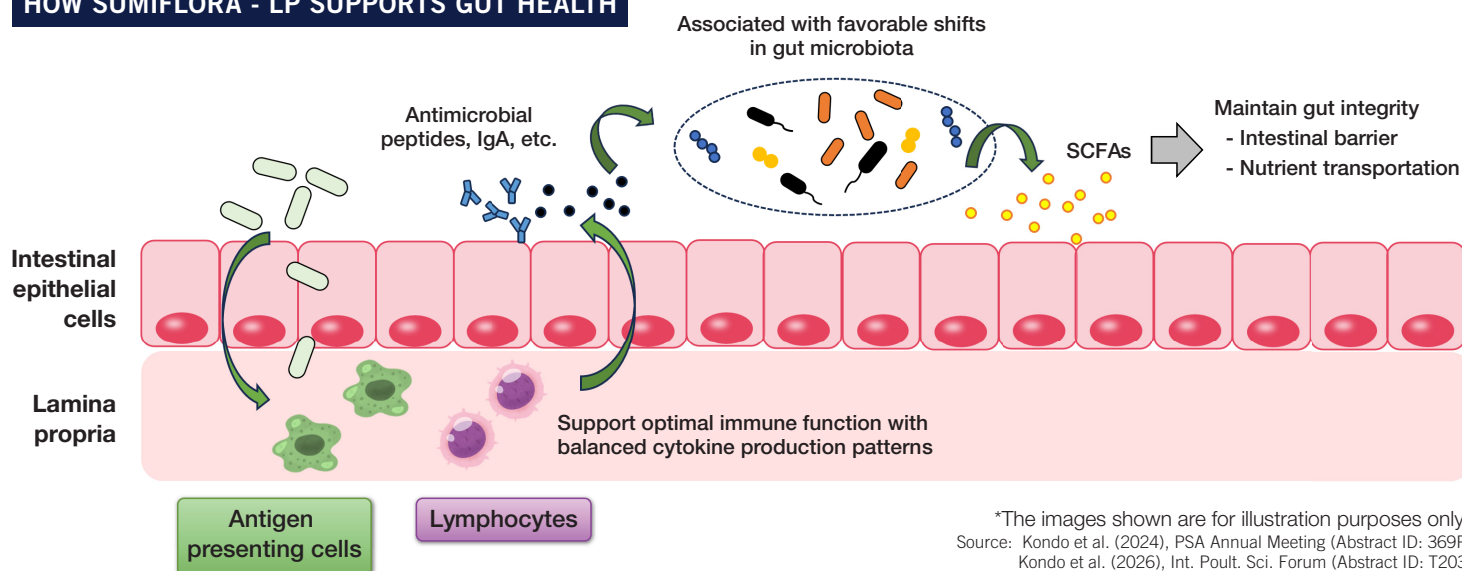
Balanced gut environment
for healthy growth



IMMUNE-MODULATING

Potential immune-
modulating properties

HOW SUMIFLORA - LP SUPPORTS GUT HEALTH



*The images shown are for illustration purposes only.
Source: Kondo et al. (2024), PSA Annual Meeting (Abstract ID: 369P)
Kondo et al. (2026), Int. Poult. Sci. Forum (Abstract ID: T203)
Matsui et al. (2026), Int. Poult. Sci. Forum (Abstract ID: T204)

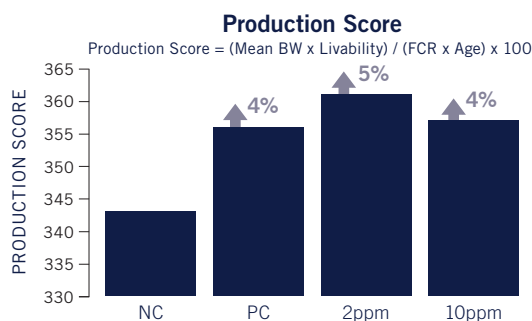
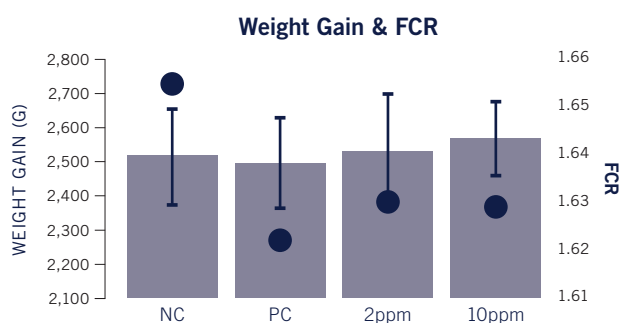
SUMIFLORA® - LP

Paraprobiotics for Gut Health

Trial 1 in 2023

STUDY DESIGN

- Broilers: ROSS 708, total 1,600 birds
- Controlled intestinal health challenge model
- Four Treatments: Negative control (NC), Positive control (PC), SUMIFLORA® - LP at 2 mg/kg, SUMIFLORA - LP at 10 mg/kg
- In PC, an industry-standard antibiotic was used as a reference for benchmarking purposes.
- Inclusion levels of SUMIFLORA - LP are expressed on a cell biomass basis.

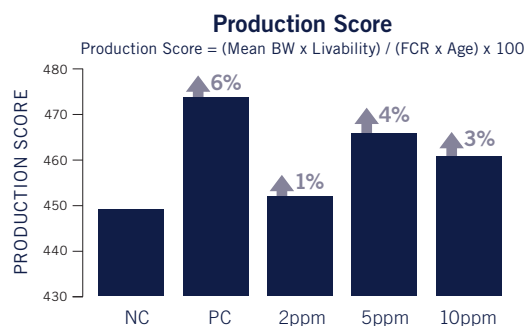
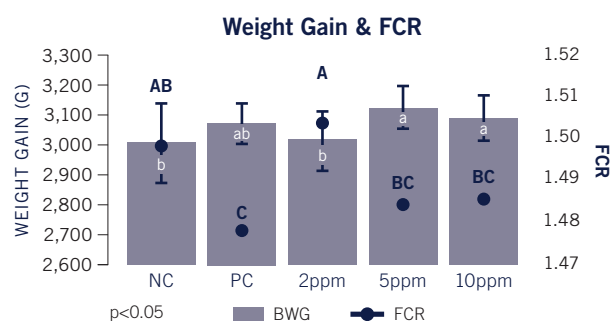


Source: Kondo et al. (2024), PSA Annual Meeting

Trial 2 in 2025

STUDY DESIGN

- Broilers: ROSS 708, total 2,000 birds
- Controlled intestinal health challenge model
- Five Treatments: Negative control (NC), Positive control (PC), SUMIFLORA® - LP at 2 mg/kg, SUMIFLORA - LP at 5 mg/kg, SUMIFLORA - LP at 10 mg/kg
- In PC, an industry-standard antibiotic was used as a reference for benchmarking purposes.
- Inclusion levels of SUMIFLORA - LP are expressed on a cell biomass basis.



Source: Matsui et al. (2026), Int. Poult. Sci. Forum (IPSF)



**SUMITOMO
BIORATIONAL**

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