

OPTIMIZE THE MICROBIOTA-BRAIN CONNECTION,
THE « BETTER-BEING » WAY

FEED ADDITIVE BALANCING THE MICROBIOTA-BRAIN CONNECTION
TO ENHANCE ANIMAL POTENTIAL.



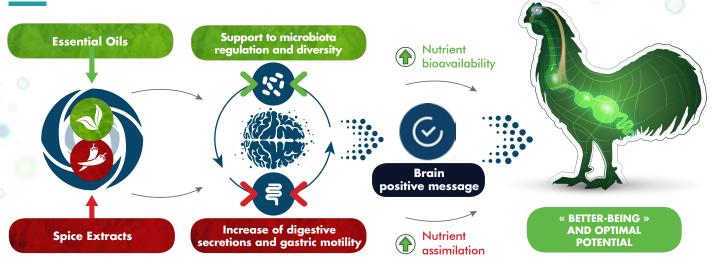
#### **ACTIVE INGREDIENTS**



FAA87.R2 Document intended

Synergistic blend of essential oils (oregano, thyme, cinnamon etc.) and spice extracts (ginger, pepper etc.).

# MODE OF ACTION





# FEATURES

- Alternative to antibiotic growth promoters
  - Support to demedication program
  - Optimized nutritional safety margins
    - Balance digestive ecosystem

# BENEFITS

## FOR BROILERS

- Weight gain
- Feed efficiency
- **Mortality**

#### **FOR LAYERS**

- **Laying rate**
- Downgraded eggs
- **Egg weight**
- Feed efficiency
- Mortality

### POWERED BY PHODÉ TECHNOLOGIES



#### CRYSTALIK IMPREGNATION



Stability and persistence of actives (heat treatments / production constraints)



## MONOPOWDERS



Control of spices irritating properties



## IPS

(Irregular Powder Structure)

TRAPE A

Guarantee of homogeneity in-feed

### RECOMMENDATIONS

- Broilers: 100g / MT\*
  from day 1 up to harvest
- o Layers:
  - Layer chicks/pullets: 100g / MT<sup>\*</sup> from starter, grower, developer, pre-layer stages
  - Layers/Breeders: 100g / MT \*
    from start of laying up to the end of laying cycle
- Turkeys: 150g/MT\*\*
  from day 1 up to harvest

\*Up to 200g/MT in sanitary challenged conditions
\*\* Up to 300g/MT in sanitary challenged conditions

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Laboratoires Phodé - Z.I. Albipôle - 81150 Terssac FRANCE **T.+33-(0)5 63 77 80 60** - phode@phode.com - **www.phode.com**N° RCS 503 972 598



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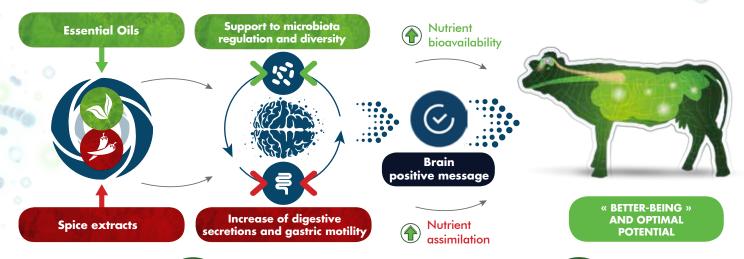
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**RUMINANT** 

Synergistic blend of essential oils (oregano, thyme, cinnamon, etc.) and spice extracts (ginger, pepper, etc.).

# MODE OF ACTION





## FEATURES

- Alternative to antibiotic growth promoters
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## BENEFITS

**FOR DAIRY COWS** 

Milk yield

Milk components

Average Daily Gain

**FOR BEEF CATTLE** 

Feed Conversion Ratio

Milk quality (SCC, urea) ( Meat yield

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#### CRYSTALIK IMPREGNATION



Stability and persistence of actives (heat treatments / production constraints)



## MONOPOWDERS



Control of spices irritating properties



**IPS** 

(Irregular Powder Structure)

Guarantee of homogeneity in-feed

## RECOMMENDATIONS

o Beef Cattle: 1g/day/animal

(70 to 180 g / MT DMI)

o Dairy Cows: 1 to 3 g / day / animal (40 to 220 g / MTDMI)

Close-up: 1 g / day / animal Early lactation: 2 to 3 g / day / animal Lactation: 1 to 2 g / day / animal

o Ewes / Goats:

0.25 to 0.75 g/day/animal (60 to 380 g/MT DMI)

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