

TOYOCERIN[®] Naturally profitable

TOYOCERIN 10⁹ (premixture)

Category of the product: Premixture of feed additive to be used exclusively in the manufacture of feedingstuffs

Composition:

- Active substance: 1×10^9 viable spores (cfu)* of *Bacillus toyonensis* (NCIMB 14858^T): approx. 0.6 % of net weight product
- Carrier: Calcium carbonate: approx. 99 % of net weight product, corn flour: approx. 0.4 % of net weight product

Standard range of viable spore count (cfu):

$1.00 \times 10^9 - 1.25 \times 10^9$ cfu / g product

Presence of chemical and microbial impurities:

Arsenic < 2 ppm
Cadmium < 1 ppm
Mercury < 0.1 ppm
Lead < 10 ppm
Aflatoxin B-1 < 0.02 ppm
Coliforms / g product < 3
Escherichia coli / g product < 3
Yeast and moulds / g product < 10
Salmonella / 25 g product: Absence

Usage levels:

Piglets up to 2 months: 1 kg / ton feed
Piglets from 2 to 4 months: 0.5 – 1 kg / ton feed
Pigs for fattening (from 4 months until slaughter):
0.2 – 1 kg / ton feed
Sows (from service to weaning):
0.5 – 2 kg / ton feed
Chicken for fattening: 0.2 – 1 kg / ton feed
Cattle for fattening: 0.2 kg / ton feed
Rabbits for fattening: 0.1 – 5 kg / ton feed
Rabbit breeding does: 0.2 – 1 Kg / ton feed
Turkeys for fattening: 0.2 – 1 kg / ton feed

*cfu = colony forming units

Physical properties:

White to grayish-brown dry powder with an undescribed specific odour.

Loss on drying: < 5% (1g, 105°C, 4h.)

Directions for use:

- Mix uniformly with feed (or milkreplacer) at the recommended dosage for each species and category
- May be used in compound feed for chicken for fattening containing the following coccidiostats: monensin sodium, lasolacid sodium, salinomycin sodium, decoquinate, robenidine, narasin, halofuginone, diclazuril, narasin / nicarbazin and maduramicin ammonium
- May be used in compound feed for rabbits for fattening containing the following coccidiostats: robenidine, salinomycin sodium
- May be used in compound feed for rabbit breeding does containing the following coccidiostat: robenidine

Storage temperature: 15 – 25⁰C

Storage life: Max. 18 months from date of manufacture, when stored in original closed packaging and in cool and dry place

Pelleting Stability: *Bacillus toyonensis* remains stable under normal pelleting conditions

Packaging: Available in 25 kg boxes

TDS TOYOCERIN 10⁹ JAN. 2016

