



Overcome Challenges
and Problems with

nutrimycin™ 80



nutrimycinTM 80

Bambermycin/ Moenomycin/ Flavophospholipol - 80mg/gm

Nutrimycin 80 is particularly intended, developed & used for animal nutrition. It is complex, performance enhancing antimicrobial & used globally as a growth promoting antibacterial in feed.

Though it is primarily active against Gram positive pathogens; it does not affect some of the natural probiotics present in the gut like Lactobacillus, Bifidobacterium & few other protective bacteria.

SOURCE : Nutrimycin 80 is fermentation product from Streptomyces bambergiensis & Streptomyces ghanaensis.

The bambermycin complex of antimicrobials consists primarily of moenomycins A and C.

MOA :

1. Nutrimycin 80 primarily acts on pathogens by inhibiting cell wall synthesis. Nutrimycin 80 intervenes in the biosynthesis of Murein, which acts as a structural substance of the bacterial cell wall.

2. In few bacteria's like S. pyogenes Nutrimycin 80 selectively stops cell separation step. Cell separation is very much important step in the growth of bacterial growth cycle. Thus it inhibits normal cell division & effectively stops the bacterial growth.

BENEFITS

- It does not produce bacterial resistance; in fact it reduces antibiotic resistance
- It is not used in humans, its specific for in-feed use for growth & better performance in productive animals
- It is gut acting & does not get absorbed from the gut, so no residue problem
- It maintains equilibrium in gastro-intestinal microbiota by reducing colonization of pathogens and sparing beneficial bacteria like Lactobacilli & Bifidobacteria
- In early life of bird it helps to establish normal/ beneficial gut microflora
- It reduces shedding of pathogens in the litter; so reduces disease transmission

INDICATION

- For improving body weight gain, feed utilization and thus for better FCR
- For improvement of flock performance
- For reducing footpad infections in coastal areas due to wet litter

USAGES

- Broilers : 50-100 gm (4-8 ppm)
Layer : 50- 75 gm (4-6ppm)
Breeder : 50 - 75 gm (4-6 ppm)
Shrimp : 100 - 250 gm (8-20 ppm)

PRESENTATION : 25 KG