



RIGEL  
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# CoxiGuard-N10

Narasin 10% Granular

*Reliable Protection for Healthier Flocks*

## — Key Performance Benefits —

- ✓ Broad-Spectrum Coccidiosis Protection
- ✓ Improves Feed Efficiency & Weight Gain
- ✓ Strengthens Gut Integrity
- ✓ Stable, Easy-to-Use Granular Formula





## Overview

CoxiGuard-N10 is a highly effective ionophore anticoccidial developed for poultry feed applications. It contains Narasin 10% in granular form, ensuring uniform mixing, excellent stability, and reliable control of coccidiosis by targeting multiple *Eimeria* species.

CoxiGuard-N10 supports gut health, enhances feed efficiency, and promotes optimal growth performance in broilers by reducing intestinal damage caused by coccidial infections.



## Composition

**Active Ingredients:** Narasin present at 10% w/w.



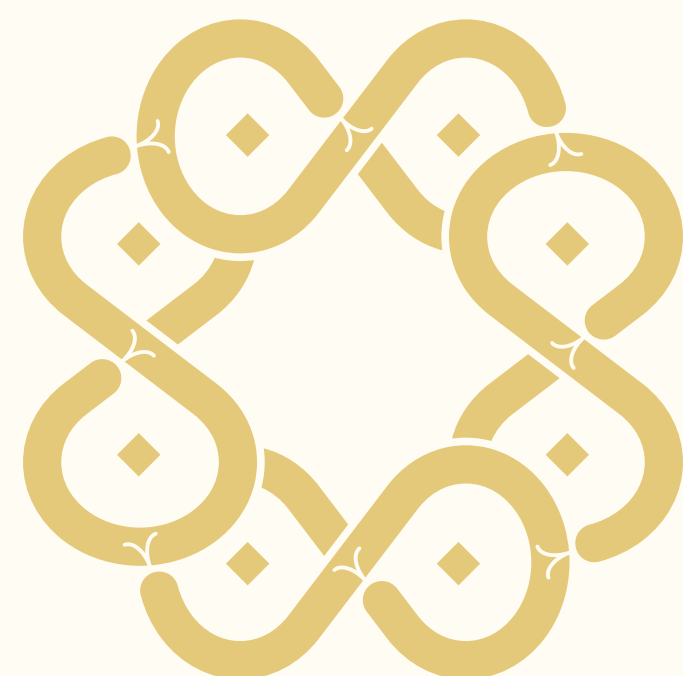
## Mode of Action

- Narasin belongs to the polyether ionophore class, which disrupts ionic balance within coccidial cells.
- It selectively binds to monovalent cations ( $\text{Na}^+$ ,  $\text{K}^+$ ), facilitating their transport across parasite cell membranes.
- This uncontrolled ion movement causes osmotic imbalance, leading to cell swelling, rupture, and death of the parasite.
- Acts on both intracellular and extracellular stages, including sporozoites and merozoites of *Eimeria*.
- Prevents early-stage intestinal invasion, thereby limiting parasite multiplication.
- Reduces intestinal lining damage, improving nutrient absorption and gut integrity.
- Minimizes the risk of secondary bacterial infections (e.g., *Clostridium* spp.) commonly associated with coccidiosis.
- Supports a healthier gut microbiota, indirectly improving FCR and growth performance.
- Disrupts parasite energy metabolism by impairing mitochondrial function, resulting in reduced ATP production and parasite death.



## Benefits

- Broad-spectrum protection against major *Eimeria* species
- Improves feed conversion ratio (FCR) and body weight gain
- Maintains intestinal integrity and overall gut health
- Reduces secondary bacterial complications linked to coccidiosis



- Granular formulation ensures easy handling and uniform feed distribution
- Compatible with most feed ingredients
- Enhances bird livability and overall flock performance
- Stable during feed processing, ensuring consistent intake



## Dosage & Usage

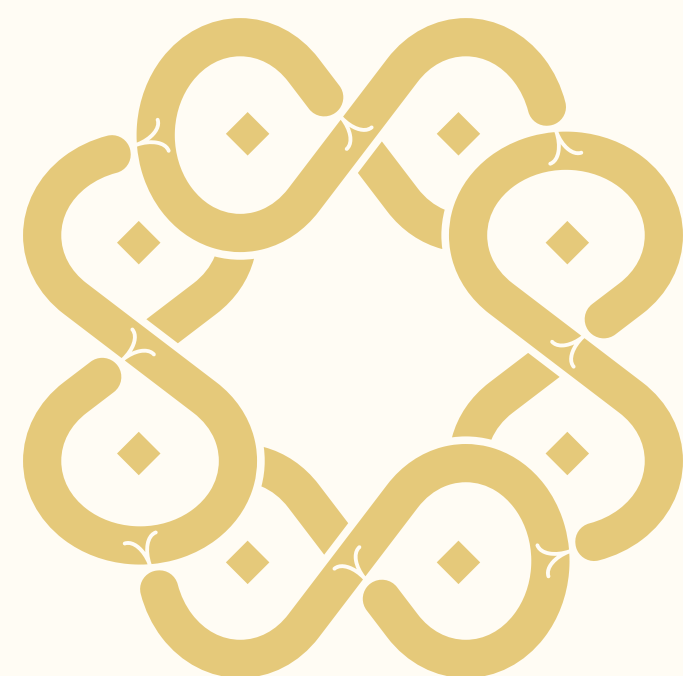
- Broilers (preventive use): 600 – 800 g CoxiGuard-N10 per ton of feed (Equivalent to 60 – 80 g Narasin per ton of complete feed)
- Withdrawal Period: 5 days before slaughter

**Note: Not recommended for use in layers producing eggs**



## Presentation

Available in 25 kg bags/drums







At Rigel Global Pvt. Ltd., we are committed to enhancing animal health, productivity, and overall well-being through advanced nutritional and healthcare solutions. Our Animal Health & Nutrition Division partners closely with farmers, veterinarians, and feed manufacturers across India and international markets, delivering scientifically validated products that support performance optimization, immune strength, and sustainable production in poultry, livestock, and aquaculture.

Backed by a robust research-driven approach and global collaborations, we integrate internationally proven formulations with region-specific technologies to address the dynamic needs of the poultry, dairy, and aquaculture industries. Our diverse portfolio spans feed additives, probiotics, veterinary formulations, and biosecurity solutions—each developed with a strong focus on quality, efficacy, and safety.

Guided by our core principles of Integrity, Innovation, and Impact, Rigel Global Pvt. Ltd. strives to strengthen the food value chain while empowering partners with dependable products and expert technical support. We believe that healthy animals are the foundation of a healthy world, and every solution we deliver reflects this enduring commitment.



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