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CoxiDual-NN8

Nicarbazin 8% + Narasin 8% combination

Dual-Action Protection Against Coccidiosis

Key Performance Benefits

- ✓ Powerful dual-action coccidia protection
- ✓ Supports Gut Integrity
- ✓ Improves Feed Efficiency & Growth
- ✓ Reliable resistance management





Overview

CoxiDual-NN8 (Narasin 8% + Nicarbazin 8%) is a dual-action anticoccidial feed premix formulated to provide effective control of coccidiosis in broilers and growing poultry. By combining two potent anticoccidial agents with complementary modes of action, CoxiDual-NN8 targets multiple *Eimeria* species, delivering broad-spectrum protection while helping to reduce the risk of resistance development.



Composition

Active Ingredients: Narasin and Nicarbazin, each present at 8% w/w.



Key Features

- Dual-mechanism anticoccidial activity effective against *Eimeria acervulina*, *E. maxima*, *E. tenella*, and other species
- Enhances weight gain and improves feed conversion efficiency
- Reduces intestinal lesions and mortality associated with coccidiosis
- Supports gut health and optimal nutrient absorption
- Compatible with most commonly used feed additives



Mode of Action

- **Dual-component strategy:** CoxiDual-NN8 combines Narasin and Nicarbazin, two anticoccidial agents with distinct and complementary mechanisms, to deliver enhanced and sustained control of coccidiosis in poultry.
- **Narasin action (ionophore):** Narasin alters the permeability of *Eimeria* cell membranes by facilitating the uncontrolled transport of ions, particularly sodium and potassium. This causes osmotic imbalance, cellular swelling, and disruption of vital metabolic functions, ultimately inhibiting parasite growth and survival.
- **Nicarbazin action:** Nicarbazin interferes with key metabolic and reproductive processes of *Eimeria*, especially during intracellular stages of development. It reduces energy utilization and impairs oocyst formation, limiting parasite multiplication and spread.
- **Broad-stage activity:** The combination acts on multiple stages of the *Eimeria* life cycle, providing effective control against major species such as *E. acervulina*, *E. maxima*, and *E. tenella*.
- **Resistance management:** The use of two molecules with different modes of action helps minimize the risk of resistance development compared to single-ingredient programs.
- **Improved gut health:** By reducing parasite load and intestinal damage, CoxiDual-NN8 supports gut integrity, nutrient absorption, and overall flock performance.



Benefits

- Provides broad-spectrum control against major *Eimeria* species causing coccidiosis in poultry
- Dual-mode action ensures higher efficacy and consistent performance throughout the production cycle
- Helps reduce intestinal lesions, morbidity, and mortality associated with coccidial infections
- Improves feed conversion ratio (FCR) and supports better weight gain
- Maintains gut integrity and enhances nutrient absorption
- Aids in resistance management due to complementary mechanisms of action
- Supports overall flock health, uniformity, and productivity



Dosage & Usage Recommendations

Incorporate 500–625 g of CoxiDual-NN8 per metric tonne of complete poultry feed to achieve a final concentration of 80–100 ppm total Narasin + Nicarbazin activity. Ensure accurate dosing for optimal efficacy.

Recommended Species:

- Broiler chickens
- Not approved for use in layers or breeder birds during the laying phase

Directions for Use:

- Thoroughly blend CoxiDual-NN8 into the premix or base feed to ensure even distribution.
- Suitable for use in both mash and pelleted feed formulations.

Withholding Period (Withdrawal Time):

- A minimum withdrawal period of 5 days prior to slaughter is required when using Narasin + Nicarbazin.
- Follow applicable national regulations or veterinary guidance to ensure compliance.

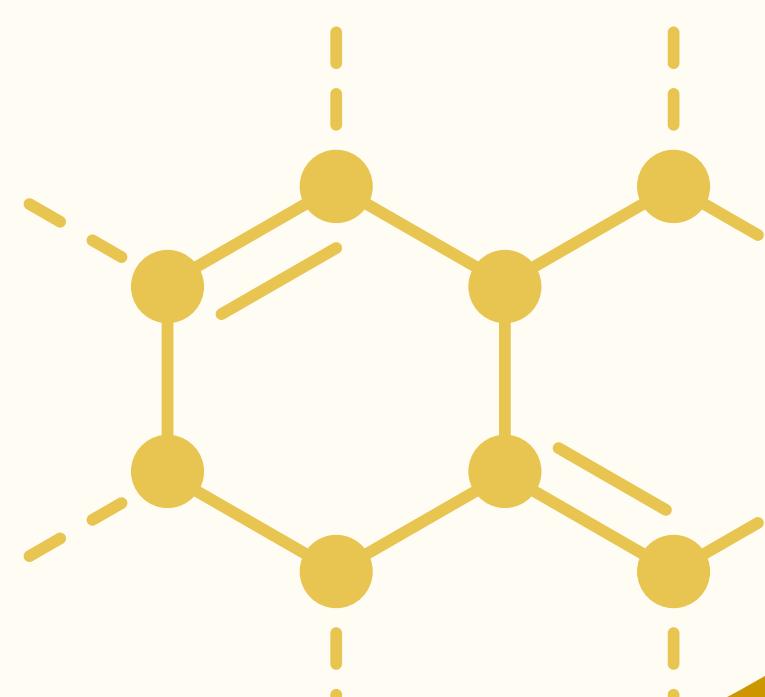
Compatibility:

- Compatible with most vitamins, trace minerals, probiotics, and feed enzymes.
- Do not use concurrently with tiamulin or other drugs known to be incompatible with ionophores.



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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