



# RIGEL GLOBAL

Built with Purpose.  
Delivered with Care.

## RIGEL'S NANO GUT WS

*Advanced Synbiotic Gut Support For Every Animal*

*“Powering Growth, Enhancing Performance.”*

- ✓ Supports healthy intestinal microflora.
- ✓ Enhances digestion and nutrient absorption.
- ✓ Strengthens natural immune defences.
- ✓ Improves growth and productivity.
- ✓ Promotes beneficial microbial balance.



For the Care of



Poultry Livestock Aquaculture



PREMIUM ANIMAL NUTRITION



## Overview

Nano Gut WS is a scientifically balanced synbiotic feed supplement designed to support optimal gut health, digestive efficiency, and overall productivity in animals. Enriched with a potent blend of multi-strain probiotics and functional prebiotics, it promotes a balanced intestinal microbiota, enhances nutrient utilization, strengthens natural immunity, and supports consistent growth and performance under intensive farming conditions.



## COMPOSITION (Per g)

### Probiotics

- *Bacillus subtilis*  $\geq 8 \times 10^9$  CFU
- *Bacillus licheniformis*  $\geq 6 \times 10^9$  CFU
- *Bacillus coagulans*  $\geq 4 \times 10^9$  CFU
- *Lactobacillus plantarum*  $\geq 4 \times 10^9$  CFU
- *Lactobacillus acidophilus*  $\geq 3 \times 10^9$  CFU
- *Enterococcus faecium*  $\geq 2 \times 10^9$  CFU
- *Pediococcus acidilactici*  $\geq 2 \times 10^9$  CFU
- *Saccharomyces boulardii*  $\geq 1 \times 10^9$  CFU

**Total viable count:**  $\geq 3 \times 10^{10}$  CFU/g

### Prebiotics

- Fructooligosaccharides (FOS) – 5%
- Mannan Oligosaccharides (MOS) – 5%
- Inulin – 3%
- $\beta$ -Glucans – 2%



## MODE OF ACTION

Nano Gut WS works through a multi-pathway mechanism to deliver rapid correction and sustained maintenance:

- **Multi-Strain Probiotic Colonization:** Beneficial probiotic strains rapidly colonize the intestinal tract, establish a stable microbial population, and competitively exclude pathogenic microorganisms.
- **Targeted Prebiotic Nourishment:** FOS, MOS, and Inulin selectively stimulate the growth and activity of beneficial bacteria, promoting a balanced and resilient gut microbiome.
- **Enhanced Digestive Efficiency:** Probiotic microorganisms produce digestive enzymes and beneficial metabolites that improve feed digestion, nutrient absorption, and feed utilization.
- **Intestinal Barrier Protection:**  $\beta$ -Glucans and beneficial microbes help maintain intestinal integrity, support mucosal health, and reduce the

impact of digestive stress.

- **Natural Immune Modulation:** Synbiotic action enhances local and systemic immune responses, improving the animal's resistance to intestinal and environmental challenges.
- **Improved Growth & Productivity:** Better gut health and nutrient utilization translate into enhanced feed efficiency, consistent growth, and improved production performance across poultry, aquaculture, and dairy animals.



## BENEFITS

- Promotes a balanced and healthy intestinal microbiome
- Improves digestion and nutrient absorption efficiency
- Enhances feed conversion and growth performance
- Strengthens natural immunity and disease resistance
- Supports intestinal integrity and digestive health
- Reduces digestive disturbances and pathogen colonization
- Improves overall productivity and animal performance



## DOSAGE

### Poultry

- **Dosage:** 100–200 g per ton of feed.

**Administration:** Mix the required quantity of Nano Gut WS thoroughly with the complete feed to ensure uniform distribution before feeding.

### Aquaculture

- **Dosage:** 250–500 g per ton of feed.

**Administration:** Top-coat the finished feed using 10–20 mL of vegetable oil per kg of feed as a binder. Add the required quantity of Nano Gut WS, mix thoroughly to achieve uniform coating, and allow the feed to air-dry for 15–30 minutes before feeding.

### Cattle & Dairy Animals

- **Dosage:** 60–120 g per ton of feed.

**Administration:** Mix uniformly into the total mixed ration (TMR), concentrate feed, or mineral mixture to ensure even distribution before feeding.

*Or as recommended by a qualified veterinarian or animal nutritionist.*



## PRESENTATION

Available in 100 g and 500 g sachets.



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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