



AviTrace

— Inorganic trace mineral blend —

Precision Trace Minerals for Stronger, Healthier Poultry



Overview

AviTrace is an advanced, scientifically formulated inorganic trace mineral blend developed to meet the critical micronutrient requirements of modern poultry production. It delivers a precise balance of essential trace minerals that play a key role in metabolic efficiency, skeletal integrity, immune competence, and overall productivity. By ensuring consistent availability of Manganese, Zinc, Copper, Iron, Iodine, and Organic Selenium, AviTrace supports optimal enzyme activation, hormone regulation, antioxidant defense, and nutrient utilization. Regular supplementation helps improve growth rate, feed conversion efficiency, stress tolerance, reproductive performance, and meat and egg quality, making AviTrace a reliable solution for maximizing flock health and performance under varied production conditions.



Composition

AviTrace contains a blend of **Manganese Sulphate**, **Zinc Sulphate**, **Copper Sulphate**, **Ferrous Sulphate**, Iodine as **Potassium Iodide**, and **Organic Selenium**, carefully blended to ensure uniform distribution, stability, and optimal bioavailability in poultry feed.



Mode of Action

- Copper (Cu): Provides antioxidant and antimicrobial support, aids enzyme activity, and promotes healthy growth and tissue development.
- Iron (Fe): Essential for red blood cell and hemoglobin formation, ensuring efficient oxygen transport and preventing anemia.
- Manganese (Mn): Supports bone formation, skeletal strength, and activation of key metabolic enzymes.
- Zinc (Zn): Enhances immunity, wound healing, feather quality, and overall growth performance.
- Selenium (Se): Acts as a potent antioxidant, improving stress resistance, immunity, and cellular protection.
- Iodine (I): Regulates thyroid hormones, supporting metabolism, energy utilization, and feed efficiency.



Benefits

- Supports Skeletal Strength & Structural Integrity
- Manganese and Zinc play a vital role in bone mineralization, helping reduce leg disorders and skeletal deformities.
- Selenium and Zinc act as powerful antioxidants, reducing oxidative stress and

enhancing immune resilience.

- **Enhances Growth Performance & Feed Efficiency:** Optimized trace mineral balance improves feed conversion ratio (FCR) and promotes better weight gain.
- **Improves Reproductive Performance:** Iodine and Copper support endocrine regulation, fertility, and hatchability.
- **Enhances Meat & Egg Quality:** Iron supports efficient oxygen transport, helping prevent anemia and improving overall productivity.
- **Reduces Stress & Mortality:** Balanced trace mineral supplementation strengthens metabolic functions and stress resistance.



Dosages

Inclusion Level:

For broilers and layers, incorporate 1 kg of AviTrace per tonne of feed to meet daily trace mineral requirements and support optimal growth, immunity, and productivity.

For breeders, include 1.5 to 2 kg per tonne of feed to address higher mineral demands associated with reproduction, fertility, and hatchability. Dosage may be adjusted as per specific production conditions or as recommended by a qualified poultry nutritionist.



Presentation

25 kg bags





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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