

DOTCARE

Veterinary Vitamin-Mineral Feed Supplement

Description

This veterinary feed supplement is a **vitamin and trace mineral blend** formulated to support metabolic performance, antioxidant activity, immunity, and integument health in cattle and poultry. It contains a standardized concentration of **Vitamin E (10%)**, essential for cellular protection and immune regulation, along with **Selenium (100 ppm)**, a key cofactor in antioxidant enzyme systems such as glutathione peroxidase.

Biotin (10 mg) contributes to hoof strength in cattle and feather quality in poultry, while **Vitamin C (2 mg)** provides additional antioxidant defence and stress mitigation, especially useful in heat stress conditions. An inert carrier ensures uniform distribution and mixing with feed.

This supplement is suitable for regular inclusion in feed or water (as applicable) for both **ruminants and poultry species**.

Specification

- **Appearance:** Free-flowing, light-coloured powder
- **Odor:** Mild, characteristic vitamin scent
- **Solubility:** Dispersible in water and feed
- **pH (1% solution):** Approx. 6.0–7.5
- **Stability:** Minimum 18 months under standard storage conditions
- **Active contents per 1 g product:**
 - Vitamin E – 100 mg (as 10% concentrate)
 - Selenium – 100 ppm (as sodium selenite or equivalent)
 - Biotin – 10 mg
 - Vitamin C – 2 mg
- **Carrier base:** Inert q.s. (e.g., dextrose, rice bran extract, etc.)
- **Microbial limits:** Within standard feed-grade parameters
- **Heavy metal content:** Complies with veterinary regulatory norms

Composition (Actives & Excipients)

A standardized blend of vitamin E, selenium, biotin, and vitamin C, dispersed in a free-flowing inert base suitable for cattle and poultry feed inclusion.

Product Form

Fine powdered feed-grade supplement

Indications

- Supports antioxidant defence and immune response
- Improves fertility, growth, and production performance
- Aids hoof health (cattle) and feather condition (poultry)
- Helps manage stress-related oxidative damage (transport, heat, disease)
- Promotes overall health, metabolism, and feed efficiency

Dosage & Usage Instructions

- **Cattle:** 5–10 g per animal per day, mixed in feed
- **Poultry:** 0.5–1 g per litre of drinking water or per kg feed
- Adjust dosage as per age, body weight, and veterinary direction

Advantages

- Multi-species application (cattle & poultry)
- Antioxidant-rich formulation for stress management
- Biotin support for external appearance (hooves, feathers)
- Water- and feed-compatible
- Easy-to-use powder format

Adverse Effects / Overdose

- Excessive selenium intake may lead to toxicity; avoid overuse
- Monitor feed content to prevent nutrient stacking
- Mild digestive upset may occur in sensitive animals with very high doses

Precautions

- Follow recommended dosage
- Keep away from moisture and direct heat
- Use clean, dry tools for dispensing
- Store in original packaging; seal after use
- Not for use in animals with known selenium sensitivity

Withdrawal Period

No withdrawal period required if used within recommended limits

Storage & Handling

- Store below 30°C in a dry, cool environment
- Keep out of reach of children and unauthorized personnel
- Do not use if packaging is damaged or powder is caked

HS / HSN Code

HS Code: 3004.90

HSN Code (India): 3004.90.85

Covers veterinary feed supplements not intended for direct human use

Special Instructions

- Use consistently for best results
- Mix thoroughly in feed or dissolve evenly in water
- Do not mix with medications unless prescribed
- Conduct routine nutritional evaluations to ensure no overlaps
- Ensure veterinary consultation for long-term or high-dose use

Human and Veterinary Use Note

This product is intended **strictly for veterinary use** in cattle and poultry. It is not suitable for human consumption. Active ingredients conform to feed-grade specifications as per veterinary norms.

? Frequently Asked Questions (FAQs)

Q1: Can this be used in both layers and broilers?

A1: Yes, it is suitable for both layers and broilers to support immunity, growth, and stress resistance.

Q2: Is this product safe during pregnancy or lactation in cattle?

A2: Yes, when used within recommended dosages. Vitamin E and selenium are particularly beneficial during late gestation and early lactation.

Q3: Can it be mixed directly with drinking water for poultry?

A3: Yes, it is water-dispersible and can be safely administered via drinking water.

Q4: How long should this supplement be given?

A4: It can be given continuously as part of the nutritional program or during stress, transition, or recovery phases.

Q5: What is the risk if selenium levels are exceeded?

A5: Selenium overdose can cause toxicity. Always avoid combining this product with other selenium-rich feeds unless supervised by a veterinarian.

