

ZINC VET

(Zinc Sulphate Monohydrate)

Only for the use in animals

Composition

Zinc Vet Bolus: Each bolus contains Zinc (as Zinc Sulphate Monohydrate USP) 200 mg.

Zinc Vet Solution: Each 5 ml contains Zinc (as Zinc Sulphate Monohydrate USP) 10 mg.

Pharmacology:

The importance of trace mineral is related to productivity & prevention of deficiency symptoms. As a trace mineral, zinc is a component of many enzymes such as carbonic anhydrase, alcohol dehydrogenase, alkaline phosphatase, DNA/RNA polymerase etc, which affects metabolism of carbohydrates, proteins, lipids and nucleic acid. Zinc is a component of thymosin, a hormone, which regulates cell mediated immunity. It also affects luteal function. Normal growth and repair are dependent on adequate zinc. Zinc is probably related intimately to the process of cell division.

Physiological role of Zinc

Zinc is essential for – Gene expression, Cell division, Growth, Hormone production, Metabolism, Appetite control, Immune function, Maintaining structural integrity & health of the hoof and udder Wound healing and epithelium maintenance.

Indication

Livestock Zinc Vet is indicated for inappetance, diarrhoea, poor growth, alopecia, dermatitis, reduced testicular growth, swollen feet, wounds failed to heal properly, wool-eating, parakeratosis, hyperkeratosis, stiffness of the joint, malformed hoof, impaired reproduction, immunologic dysfunction, reduced production etc. Poultry Zinc Vet is indicated for poor growth, reduced egg production and hatchability, diarrhoea, poor feathering, swollen/stiffness of joint, dry, thickened & fissured foot pad, hyperkeratosis etc.

Dosage & Administration

Cattle, Buffalo

Prevention: 1 Zinc Vet bolus or 100 ml Zinc Vet solution per 5 kg feed daily.

Treatment: 1 Zinc Vet bolus or 50-100 ml Zinc Vet solution per animal daily for 5-7 days.

Calf, Sheep, Goat

Prevention: 1 Zinc Vet bolus or 100 ml Zinc Vet solution per 5 kg feed daily.

Treatment: One-fourth to one-half of Zinc Vet bolus or 25- 30 ml Zinc Vet solution per animal daily for 5-7 days.

Poultry

Prevention: 1 Zinc Vet bolus or 100 ml Zinc Vet solution per 50 litre drinking water daily for 5-7 days.

Treatment: 1 Zinc Vet bolus or 75 ml Zinc Vet solution per 25 litre drinking water daily for 5-7 days. Or as Directed by The Veterinary Physician.

Toxicity Zinc Vet is relatively non-toxic. But feed may be unpalatable when zinc concentration is very high.

Precaution

Do not use calcium, copper & iron in conjunction with Zinc.

Storage

Store at a temperature below 30°C protected from light & keep in cool and dry place. Keep all medicines out of reach of children

Packing

Zinc Vet Bolus: 5x4's boli in a box.

Zinc Vet Solution: 100 ml, 500 ml & 1 litre & 5liter bottle.

Manufactured by:

Navana Pharmaceuticals Ltd.

Rupshi, Rupganj, Narayanganj, Bangladesh.

