

ZIS-VET

Zinc Sulphate Monohydrate

Only for the use of animals

Composition

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

Zis-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**

Zis-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

Zis-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 **Zis-Vet bolus** or 100 ml **Zis-Vet solution** per 5 kg feed daily.

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

Calf, Sheep, Goat

Prevention: 1 **Zis-Vet bolus** or 100 ml **Zis-Vet solution** per 5 kg feed daily.

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

Poultry

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

Treatment: 1 **Zis-Vet bolus** or 75 ml **Zis-Vet solution** per 25 litre drinking water daily for 5-7 days.

Or as directed by the registered Veterinary physician

Toxicity

Zis-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.

Side Effects

It has no side effect at recommended dose.

Withdrawal Time

Meat, milk & egg- 0 (Zero) day.

Storage

Store below 30° C temperature & dry place, protected from light. Keep out of reach of children.

Packing

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

Zis-Vet Solution: 100 ml, 500 ml, 1 liter & 5 liter bottle.



Manufactured by

The ACME Laboratories Ltd.

Veterinary Division

Dhulivita, Dhamrai, Dhaka, Bangladesh

