

# EST-Vet

## Dependable antimicrobial drug for livestock

**Composition:** Each gram powder contains Erythromycin Thiocyanate INN 180 mg, Sulphadiazine USP 150 mg & Trimethoprim USP 30 mg

**Mode of Action:** It is a powerful combination of three antibiotics with complementary mode of action and activity. Erythromycin inhibits the protein synthesis by binding to the 50S ribosomal subunit. Sulphadiazine inhibits bacterial synthesis of dihydrofolic acid by competing with para-aminobenzoic acid (PABA). Trimethoprim blocks production of tetrahydrofolic acid by inhibiting the enzyme dihydrofolate reductase. This combination blocks 2 consecutive steps in bacterial biosynthesis of essential nucleic acids and proteins & is usually bactericidal.

**Indications:** Poultry: Indicated for the prevention and treatment of different infections caused by gram positive & gram negative bacteria and mycoplasma etc., such as CRD, salmonella, fowl cholera, colisepticemia & enteritis.

Calf: Salmonella (pullorum disease).

Fish: Highly effective on Streptococcus infection and Edward Disease of fish.

### Dosage & Administration:

Class	Dosage & Administration	Duration
Poultry	0.5-1 g powder/liter drinking water	3-5 days
Calf	7.5 g powder/50 kg body weight	3-5 days
Fish & Shrimp	1 g powder/10 kg body weight	2-5 days

Or as directed by the veterinarian.

**Contraindication:** Contraindicated in animal with known hypersensitivity.

**Precaution:** Fresh solution should be prepared in every day and during medication with EST-Vet powder no other drinking water should be allowed.

Treatment should be stopped before 5 days of slaughtering.

**Storage:** Store in a cool & dry place, protect from light and keep all medicine out of reach of children.

**Presentation:** 100g Sachet.

**For veterinary use only.**