

# Triplex-Vet<sup>®</sup> Bolus

Sulfadiazine BP, Sulfadimidine BP & Sulfapiridine BP

## Composition:

Each bolus contains -

Sulfadiazine BP	1.666 gm
Sulfadimidine BP	1.666 gm
Sulfapiridine BP	1.666 gm

## Mechanism of Action:

PABA (Para amino benzoic acid) is essential for bacterial growth & multiplication (synthesized by bacteria & supplied from environment). By different enzymatic process PABA is converted into Dihydrofolic acid at first & then Tetrahydrofolic acid. Tetrahydrofolic acid acts as a co-factor for single carbon metabolism & Nucleic acid synthesis. But due to structural similarity of PABA with Sulfonamides Dihydropteridin (essential for dihydrofolic acid synthesis) mistakenly combined with Sulfonamides instead of PABA. As a result Dihydrofolic acid synthesis is prevented. As a result bacterial DNA synthesis is interrupted. Sulfonamides are bacteriostatic in action.

## Indication:

It is used for the organisms which are sensitive to Sulfonamides.

E.g. – Pneumonia, Haemorrhagic Septicaemia, Calf Diphtheria, Secondary bacterial infection in case of FMD, Neval ill, Dehorning, Castration, Urinary tract infection, Matritis, Arthritis, Tonsilitis in dog, Paratyphoid, Distemper etc.

## Dosage & Administration:

1 bolus / 35 kg body weight on first day and followed by half dose ( ½ bolus / 35 kg b. wt. / day) for next 3 – 5 consecutive days. Administer orally through drinking water or feed (by mixing with molasses, wrapping with banana leaf).

## Contraindication:

Should not be used for the animal hypersensitive to Sulfonamide.

## Precaution:

Adequate drinking water should be given during treatment the animal. In case of kidney deformed animal close observation is very essential to avoid crystaluria formation. Treatment should be stopped in case of severe hypersensitivity.

## Pack Size:

5 x 4 boli in blister pack.