

## TRIZINE

### Description of Product:

Broad spectrum antibacterial effective against Gram-ve and Gram+ve bacteria. Each gram contains Sulfadiazine 650mg and Trimethoprim 130mg.

### Action:

Trimethoprim and the sulfonamides act synergistically to effect a double sequential blockade in bacterial cell metabolism, by inhibiting the synthesis of bacterial cell folates at two separate stages. This prevents bacterial cell multiplication and survival, killing a wide range of bacteria and also reducing the possibility of bacterial resistance. The synergistic action results in a combined antibacterial activity greater than the sum of the two individual components.

The combination is effective against bacteria which are resistant to either or both of Trimethoprim and Sulfadiazine when used individually.

### Indications:

For the treatment of infections in horses caused by organisms sensitive to Sulfadiazine, Trimethoprim, and/or the antimicrobial combination. Note: Erysipelothrix, Leptospira, and Pseudomonas are not sensitive to Trizine Powder, and neither is Mycobacterium Tuberculosis.

### Dosage:

The recommended 12-hour dosing interval is based on the half-lives of Trimethoprim and Sulfadiazine, and the dose rate compensates for the incomplete systemic availability (due to first-pass effect) of Trimethoprim.

**HORSES:** 21g (two level scoops) twice daily for a 450kg adult horse.

**SMALLER ANIMALS:** One full rounded small scoop (3.5g) per 75kg bodyweight, twice daily.

Double ended scoop enclosed.

Give the product at least one hour before morning and evening feeds. Mix the granules with a little wet feed or with honey or molasses. Treat for two days after symptoms subside or for a maximum of five days.

### Contra-indications:

Do not use in horses with impaired liver or kidney function or suffering from anaemia.

### Precaution:

Ensure adequate drinking water is available during sulphonamide therapy.

### Limitation and Withholding Periods:

Not for use in lactating dairy cattle.

Do not administer later than 28 days before slaughter for human consumption.

### Presentation:

10g apple-flavoured granules packed in an air-tight jar.

Registered pursuant to the ACVM Act 1997,  
No A7721

### RESTRICTED VETERINARY MEDICINE

Trizine  
For Animal Treatment Only

