

SULPHUR



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SUMMARY:

One of the most abundant elements in nature, Sulphur is a bright yellow, soft, non-metallic element.

Sulphur is an essential macro mineral, all animals require supplements containing Sulphur.

CONTAINS:

SULPHUR **99%**

DOSE RATE:

As directed

SULPHUR

Sulphur is found in every cell in the body and is a required nutrient. Grazing animals generally receive S from soil and plants, however the bioavailability varies with forage types, fertiliser application. Soil levels vary widely and are often unreliable, clay soils for example bind S and make it unavailable.

During summer grazing livestock are usually fed a complete mineral mix with a Non Protein Nitrogen called Urea, when urea is used or where high levels of NPN exist additional S is essential for its utilisation, the normal addition rate is 1 part S to 15 parts NPN. Homemade licks and supplements are often devoid of Sulphur addition.

KEY NATURAL SOURCES

Soil levels vary widely and availability may be reduced in some soils, various forages have different S requirements for optimal yields, feedstuffs such as Maize, gluten meal, molasses and brassicas are high sources of S. Sulphur bioavailability is very variable, most good supplies of S come from supplements and

prepared feeds. High levels of Sulphur can interfere with Thiamine (B1) utilisation.

FUNCTION

Sulphur is a component of certain amino acids, the building blocks of protein. As an example, Cysteine and methionine are required to make milk protein. Sulphur is involved in carbohydrate metabolism, and as a component of thiamine and insulin. Stimulates synthesis of vitamin B12, Biotin, and the hormone Oxytocin. Has a vital role to play in wool growth as part of the amino acid, Methionine.

BENEFITS

Grazing animals, including horses, use elemental Sulphur to synthesize amino acids. Sulphur is used by microbial populations as well as the animal itself.

Sulphur accumulates in wool, hair, feather, horn, bone, cartilage and muscles. And as stated S is found in every cell in the body.

All animals must receive Sulphur supplementation either as a constituent of sulphur amino acids or as sulphates.

A major source can also, in certain areas come from sulphates in water. Calcium Sulphate, Gypsum can be a valuable source.

PACK SIZES :

2 kg ,5 kg, 25 kg bags, 1 Tonne bulka bags

This product does not contain restricted animal material.

Store in a cool dry place, nil withholding period.



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