

## LifeSPRING™ Colloidal Minerals for Horses

Minerals are essential nutrients for both man and animals. Every living cell in the body is dependent on minerals for proper function and structure. They are vital components of body tissues and fluids and work in combination with enzymes, hormones, vitamins and transport substances.

### Mineral Deficiencies in Horses

“Sub-clinical” trace mineral deficiencies are very common in domestic animals including horses. These deficiencies are often not recognised by horse owners and trainers as no specific symptoms of an obvious “disease” may be seen. Trace mineral deficiencies are not usually detected by routine blood tests and may continue undiagnosed for many months and even years, reducing the overall health and performance of your horse. Horses with trace mineral deficiencies may show the following symptoms:

- Dull, rough hair coat
- Brittle, crumbly hooves
- Less than optimum body condition and muscle mass
- Muscle disorders such as “tying-up”
- Nervous, highly strung behaviour
- Poor athletic performance
- Recurring or prolonged viral infections
- Reduced fertility in both mares and stallions

The mineral content of the soil has become depleted in many regions due to continual cropping and the overuse of fertilisers which only replace the major minerals such as nitrogen, phosphorus and potassium. Once the mineral content of the soil is depleted this can, in turn, lead to lower mineral levels in the crops and pastures grown on these soils.

### What are COLLOIDAL MINERALS?

Plants absorb metallic minerals from the soil through their roots and convert them into a “colloidal” form. A colloid is a gel-like microscopic particle that is in suspension in either a solid, liquid or gas.

## **LifeSPRINGS™ MINERALS ARE HARVESTED NOT MANUFACTURED.**

Plant derived colloidal minerals are water soluble and are highly absorbable from the gastrointestinal tract due to their molecular structure, minute particle size and bio-electric negative charge. Colloidal minerals are reported to be up to ten times more absorbable from the gastrointestinal tract compared with metallic, inorganic minerals. LifeSPRINGS Colloidal Minerals for Horses are derived from a unique source of prehistoric plant material mined from the site of an ancient rainforest in Central Utah, USA, which the United States Department of the Interior has determined to be 60 to 120 million years old. The importance of nutrient balance in all foods is well established. Therefore the minerals are selected from various segments of the deposit to ensure the broadest balance of all the essential minerals and trace elements

### **The LifeSPRINGS Formulation**

LifeSPRINGS Colloidal Minerals for Horses is an enriched supplement which combines natural colloidal minerals with stabilised wheat germ, yeast and protein meal. Yeast is rich in B-complex vitamins, zinc, and essential amino acids while wheat germ is a natural source of the important anti-oxidant Vitamin E.

Supplementation with LifeSPRINGS Colloidal Minerals for Horses will ensure that your horse will receive an adequate and balanced intake of trace minerals, even if their natural feedstuffs are deficient.

### **DOSE RATE for LifeSPRINGS COLLOIDAL MINERALS FOR HORSES**

Horses (450kg +):                      2 scoops (60g) daily or approximately  
2 Kilograms per Month

Ponies (250 – 450 kg):                1 scoop (30g) daily or approximately  
1 Kilogram per Month

Being organic, LifeSPRINGS Colloidal Mineral are 100% natural and are safe for use in all horses including pregnant and lactating mares and foals.

It is our understanding that this supplement does not contain any substances that will contravene the rules of racing or other equine competition. However, we recommend you check with the relevant authority before feeding

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