

## 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.

