



Think all equine minerals are created equal?

Complexed trace minerals such as Zinpro 4-Plex®* C from Zinpro deliver optimum absorption, providing nutritional benefits that could be crucial to stressed horses. Research shows that supplementing equine diets with such complexed trace minerals can positively affect structure, like joints and skeletal strength, and many vital functions in horses including reproduction, immunity, feed digestibility, hoof condition, and skin and coat condition.



Hoof Condition

- Zn**
 - Cell division to support hoof wall growth and repair
 - Hoof wall protein synthesis: collagen, keratins, cell envelope proteins and intercellular cementing substance
- Cu**
 - Synthesis and maintenance of elastic connective tissue
 - Cross-linkage formation in collagen and elastin
 - Bond formation in hoof wall proteins for rigidity
- Mn**
 - Antioxidant activity to protect cell membranes

Joints and Skeleton

- Zn**
 - Cell division and protein synthesis for skeletal growth and repair
- Cu**
 - Formation of connective tissue (tendons and ligaments), bones and cartilage lining joints
- Mn**
 - Chondroitin sulfate synthesis which is important for formation, maintenance and repair of joint cartilage
 - Bone matrix development and maintenance

Skin and Coat

- Zn and Mn**
 - Epidermal (skin) cell maintenance through cell division, protein synthesis and antioxidant activity to remove superoxide radicals
 - Facilitates wound healing
- Cu**
 - Normal production and maintenance of skin and hair pigmentation

Don't let inadequate mineral nutrition hamper your horse's health and performance.



*Registered trademark of Zinpro Corporation.

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