

Copper Xtra Performance



Copper Xtra Performance contains high levels of chelated copper which supports iron metabolism and the production of red blood cells giving increased energy. Vitamin E is a vital antioxidant and this combined with Selenium aids correct muscle function in your performance horse. Allowing maximum performance.

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Copper Xtra Performance

Energy Production:

Copper is involved in the production of adenosine triphosphate (ATP), which serves as the primary energy currency in cells. An enzyme called cytochrome c oxidase, reliant on copper, plays a crucial role in ATP synthesis within the mitochondria.

Adequate copper levels are essential for optimal energy production, which directly affects athletic performance.

Red Blood Cell Health and Iron Metabolism:

Copper-dependent enzymes called ferroxidases are responsible for mobilizing iron stores from the liver, bone marrow, and spleen.

If a horse lacks sufficient copper, iron mobilization may suffer, leading to impaired red blood cell function. This deficiency can impact overall health and performance.

Connective Tissue Formation:

The enzyme lysyl-oxidase, which relies on copper, is crucial for cross-linking collagen and elastin in connective tissues. These cross-links provide strength and flexibility.

Proper copper levels are essential for maintaining the elasticity of major blood vessels and preventing issues like vessel rupture.

Immune System and Antioxidant Protection:

Copper acts as an antioxidant, safeguarding cells and tissues from harmful reactive oxygen species.

Enzymes that rely on copper contribute to immune system function, melanin (pigment) formation, and overall health.

Copper plays a vital role in maintaining the health and performance of horses.

Coat health and colour

Copper is also involved in the production of keratin which has a significant impact on coat and hoof quality.

A copper dependent enzyme called polyphenol oxidase facilitates the conversion of tyrosine to melanin, which is the pigment that gives colour to skin and coat. Copper deficiency can lead to a bleached appearance to your horse's coat colour.

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Copper Xtra Performance contains Vitamin E and Selenium.

Antioxidant Protection: Vitamin E is a powerful antioxidant that helps protect cells from oxidative damage caused by harmful free radicals. These free radicals can lead to cellular injury and contribute to various health issues.

Muscle Health: For horses, vitamin E is particularly important in supporting muscle health. It helps prevent muscle damage during exercise and aids in muscle repair and recovery.

Nerve Function: Vitamin E is essential for normal nerve function. It contributes to the proper functioning of the nervous system, which is crucial for coordination, movement, and overall well-being.

Immune System Support: A healthy immune system is vital for a horse's overall health. Vitamin E supports immune function, helping the horse fight off infections and illnesses.

Cell Membrane Protection: The fatty membrane of every cell is protected by vitamin E. It helps maintain cell integrity and stability.

Selenium Interaction: Vitamin E works closely with selenium, another essential nutrient. Selenium is a component of glutathione peroxidase, an enzyme that also helps neutralize free radicals and supports overall health.



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Results



Copper Xtra Plus Performance helps in the creation of red blood cells which carry oxygen throughout the body of the horse and to the muscles. It promotes a healthy coat and strong hoof growth.

Copper is especially important in young growing horses, as bone collagen is one of the structures that relies on the presence of copper to develop correctly.

Selenium is required for correct muscle development and growth. Along with vitamin E it is a component of protein that prevents muscle conditions such as tying up.

- ✓ Helps increase red blood cell production
- ✓ Helps increase energy
- ✓ Aids correct muscle function and reduces the risk of tying up
- ✓ Aids the development of the acquired immune system
- ✓ Helps horses to recover quickly from illness

Ingredients Per 50g



Analytical Constituents: Calcium 8.5 g, Sodium 0, Phosphorous 0

Vitamins: 3a700 Vitamin E 600mg

Trace Elements: Copper as 3b407 Copper (II) Chelate of Protein Hydrolysates 125mg, Selenium as 3b810i Se Organic 1mg

Composition: Dextrose, Calcium Carbonate

Storage: Store in a cool, dry place.

Feeding Guide



Copper Xtra Performance should be added to the normal feed ration.

Feeding Guide: 1 Scoop = 25g

Adult Horses: 50g per day
- 1 scoop twice daily

Foals: 25g per day - Once daily

Sizes Available

KG

5KG: 100 Days supply Horse / 200 Foals

10KG: 200 Days supply Horse / 400 Foals

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