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## BozMerix

This is a relatively new supplement, aimed at supporting the horses natural anti-oxidant system. By scavenging potentially harmful free-radicals this product prevents and slows cell damage which is vital for preventing inflammation and disease. BozMerix is ideal for horses showing signs of stiffness, those in intense work and during rehabilitation post injury or surgery. There are 2 main benefits for the use of BozMerix. Firstly it is Free From Prohibited Substances, allowing its use in competition horses and secondly it is kind to the gut. The latter is particularly important when considering long term use, reassuringly there are no known side effects when fed for prolonged periods of time.

BozMerix contains 4 key ingredients.

1. Curcumin- this is the active ingredient in Tumeric. Unfortunately standard Tumeric is very poorly absorbed in the body and has only 3% Curcumin which leaves little evidence to support its use in horses. However, the Curcumin used in BozMerix (Curcumin Longa) has a guaranteed minimum concentration of 13.5% Curcumin and studies have shown improved bioavailability by a factor of 85 and 360x greater bioavailability than Tumeric. Once absorbed, Curcumin has beneficial effects on normal joint function.
2. Avocado/ soybean unsaponifiable (ASU)- this combination of avocado and soybean oil extracts is rapidly absorbed into cells and helps horses maintain levels of glycosaminoglycans better than control groups. Glycosaminoglycans are the building blocks of cartilage and are needed by the body to replenish damaged cartilage.
3. Omega Powder concentrate (high in EPA and DHA)- omega powders are vital to maintain cell structure and also help produce eicosanoids. Eicosanoids are signalling molecules which can trigger effects in the body. Omega 6 tends to trigger proaggregatory effects whereas Omega 3 tends to trigger less aggregatory effects. BozMerix is principally Omega 3, with high levels of EFA's and DHA. Studies have shown dietary supplementation with EPA and DHA results in increased trot stride length.
4. Boswellia serrata- this is extracted from a large tree grown in parts of India, North Africa and the Middle East. It has an antioxidant effect, preventing cell damage. Studies have shown it have synergistic effect when combined with Curcumin. The Serrata form of Boswellia is the most effective form.

NB: There is no sugar in Bozmerix

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BozMerix comes in a palatable and easy to use powder form. Maintenance dose is one sachet daily but horses in intense work or following surgery may benefit from 2 sachets per day.

We recommend the use of BozMerix specifically in competition horses who may show signs of stiffness early in warm up or after an intense session but are prohibited from using products such as equipalazone (bute) due to the competition withdrawals and in older horses who need a little help to stay active and comfortable in their later years. It has also been beneficial in horses recovering from injury or surgery. We recommend feeding a dose of 2 sachets per day for 10 days and if you see an improvement continue at 1 sachet daily.



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