

CalDensity® White Label PLUS Ingredients

CalDensity® White Label Ingredients



CalDensity® White Label is meant to be fed for two reasons - maintenance at the farm for healthy horses or when a client is committed to feeding competitive brands of hoof, gut, joint health, electrolyte and other cartilage support supplements alongside of CalDensity® White Label. Please be sure to conduct a cost analysis of feeding White Label with your range of other supplements before ruling out the CalDensity® Black Label formula. Very often our clients upgrade once they realize how simple the Black Label is to feed when eliminating all of the other and at the same time how cost effective it is.

Proprietary Organic Calcium

Organic Calcium **increased bone density** in just 120 days, while it also **increased calcium digestibility according to a study sponsored by Trouw Nutrition.**

These findings are extraordinary because calcium is the most important nutrient in bone content, muscle function and electrolyte maintenance.

The body maintains its largest stores of calcium in its bones. A horse manages or regulates calcium in much the same manner as the engine in your car regulates the use of gasoline. When the engine needs more gas it gets it from the tank until it runs out and eventually fails.

Muscles require lots of calcium. The more intense the workload, the greater the supply of calcium is needed. It becomes extremely challenging on race day with the use of the medication Lasix. This diuretic is often responsible for 100+ lbs of body weight lost in the form of much needed calcium and other fluids.

The massive loss of calcium is often so great that horses will suffer post-race from a syndrome called "Thumping". It is a severe calcium deficiency that causes a horse's body to "thump" or shake and only a veterinarian providing calcium intravenously will most likely stop a horse from experiencing cardiac failure.

It is pretty easy to understand now how proper maintenance of calcium throughout the body is so crucial to high performance and strong healthy bones.

The Organic Calcium is a break-through ingredient but is only a part of the puzzle. The introduction of training regimes designed to increase bone density and bone flexibility must become a greater priority. And finally, avoiding the use of Lasix must become an alternative again.

Proprietary Organic Minerals

CalDensity® incorporates five unique organic mineral complexes: calcium, zinc, copper, magnesium and manganese. Each of these can be used by the body without the fear of creating mineral imbalances unlike the challenges faced when feeding inorganic compounds. Each has been tested for stability and digestibility and have been found far superior to other organic minerals over 100% higher than many inorganic minerals. Results with your horse may vary based on many factors.

All of the minerals have been the subjects of university research. These findings can be learned by visiting the "Science" page.

It is important to note that on the CalDensity® label, each of the minerals is listed separately as part of the Ingredient Statement. These organic minerals are classified as proteinates by the American Association of Feed Control Officials (AAFCO). This designation allows for proper labeling that meets the AAFCO standards, an important step in qualifying for registration of CalDensity®.

Proprietary Inulin

CalDensity® contains a proprietary Belgian sourced brand of inulin*. Inulin is considered a prebiotic, It promotes beneficial bacteria that keeps the gut healthy. Inulin is a fiber that can help digestion, can prevent constipation and can keep a horse regular. Studies also suggest that adding inulin to calcium-rich foods may boost calcium absorption. Thus, inulin can create an indirect effect on bone formation and muscle function. This is important not only when providing CalDensity®, but in digesting all forms of feed.

Proprietary Kaolin - Boron Complex

CalDensity® contains a proprietary brand of kaolin which is most famous from human stomach anti-acid products. It's job is to soothe the often irritated lining of a horse's stomach. It is also a natural source of boron, a key mineral for bone health.

Proprietary Betaine

CalDensity® contains a proprietary brand of Betaine hydrochloride that is fed to increase moisture in cells throughout the body. This is important in bone matrix development because cartilage is over 80% water. Betaine allows a cell to hold on to electrolytes longer.

Proprietary Silicon

CalDensity® contains a proprietary brand of silicon, that is used for two reasons: to allow the powder to maintain a free-flowing consistency and it has been shown in some studies to increase calcium digestibility.

Stabilized Rice Bran, Gamma Oryzanol, plus Omega 6 & 9 fatty acids

A proprietary brand of stabilized rice bran that contains approximately 20% fat that on a per pound basis contains the equivalent to 8 ounces of vegetable oil. It contains high levels of natural vitamin E, a powerful and safe antioxidant that is essential for healthy muscle function. It provides a natural source of Gamma Oryzanol (3,000-mg/lb). This nutrient has been supplemented with confidence for years in an effort to assist in the production of healthy muscle mass. It is also an excellent source of Omega 6 and 9 fatty acids that support many activities in the body.

Proprietary Hyaluronic Acid - *USA Formula Only*

Our unique complex that provides your horse with a wonderful blend of hyaluronic acid (75mg/maintenance 1.5-oz 1/2-scoop, 150mg/full strength 3-oz full scoop, and 300mg/maximum-research strength 6-oz 2 scoops), glucosamine, glucuronic acid and chondroitin sulfate. This comes from animal protein product sources that are approved for use in equine feed and feed supplements here in the USA. Due to labeling laws here in Kentucky, this ingredient can only be presented as "Animal By-Product Meal". Our independent laboratory analysis will prove exactly how much Hyaluronic Acid, glucuronic acid and chondroitin sulfate is present in each batch. It is important to understand that bone trauma of any type stimulates the body to produce prostaglandins and other potentially deteriorating enzymes that are dumped into the synovial fluid between the bones in joint space. These enzymes can interfere with cartilage as it is forming. HA is often injected and/or fed to horses in order to provide the body with a greater ability to improve the culture of the synovial fluid. The indirect but potentially healthy effect on bone development would come from protecting cartilage as it is forming. Cartilage begins to form on the lining of the synovial capsule and eventually turns into bone.

DO NOT FEED TO CATTLE OR OTHER RUMINANTS