

Optimize



COMPLETE EQUINE WELLNESS & JOINT SUPPORT FORMULA

QUICK REFERENCE SHEET

Each serving of Optimize delivers optimal amounts of high quality nutrients and contains a premium blend of omega-3 fatty acids, antioxidants, vitamins, minerals, amino acids, joint compounds and prebiotics.



DIRECTIONS

Based on the average 1,100 lb horse, administer one scoop of Optimize daily. One scoop provides approximately 5.86 oz (166 g) of Optimize.

Recommended for: Horses of all ages, breeds and disciplines.



**Veterinarian
developed**



**Natural & organic
ingredients**



**100% satisfaction
guaranteed**



**Small-batch
crafted**



**3rd party
tested**

WELLNESS BENEFITS



Joint support

Glucosamine, MSM, chondroitin, HA, yucca, boswellia and key minerals help maintain healthy joint cartilage and function.



Skin & coat health

Omega-3 fatty acids from organic flax, essential amino acids, trace minerals and biotin help support healthy skin and a radiant coat.



Hoof health

Methionine, zinc, biotin and fatty acids help build strong hooves, maintain pliability and reduce cracking.



Bone health

Optimize helps keep your horse's skeletal system strong and healthy with calcium, phosphorus and magnesium – critical to bone health and often lacking in equine diets.



Digestive health

Key prebiotics help maintain a stable gastrointestinal environment and digestive well-being, and may help combat the negative impacts associated with variable forage.



Antioxidant support

Powerful antioxidants such as natural vitamin E and organic selenium may protect your horse's body from the negative effects of oxidation due to typical exercise and aging.



Metabolic support

Optimize provides all-natural omega-3 fatty acids from organic flax, as well as 920 mg of magnesium, to support normal metabolic function and insulin response.



Performance & muscle recovery

Branched-chain amino acids, including Leucine, may help promote performance and aid in rapid post exercise recovery.



Immune support

Often deficient in hay diets, zinc is involved in the normal functioning of the immune system. Optimize provides a highly bioavailable form of zinc.



Neurologic support

Optimize contains folic acid, vitamin B12 and natural vitamin E, all of which help to support the healthy functioning of your horse's nervous system.

Key ingredients



Omega 3 & Omega 6 fatty acids

Linolenic acid (omega-3) and linoleic acid (omega-6) are fatty acids that cannot be made by the horse and must be in the diet. These fats play a vital role in a number of biological processes in your horse's body including regulating inflammation. Many ingredients in the diets of performance horses provide adequate omega-6 but inadequate omega-3. Optimize provides a generous amount of natural omega-3 fatty acids derived from organic flaxseed meal.

Chelated trace minerals

Minerals are vital to health and play many key roles in your horse's body. Zinc helps in supporting immune, hoof and skin health. Copper is crucial for collagen formation and coat health. Manganese is necessary for making chondroitin sulfate which in turn is needed for cartilage formation. Optimize utilizes chelated (pronounced key-lated) versions of these minerals; a form that is better absorbed and metabolized than inorganic forms.

Antioxidants

Antioxidants protect your horse from the damaging oxidative effects of free radicals. All horses face the negative effects of oxidative damage but the harder your horse works, the more at risk he is. Optimize may help reduce oxidative damage that occurs during and after exercise thanks to the combined effects of the antioxidant compounds organic selenium, natural vitamin E and vitamin C. Together these compounds help promote post-exercise recovery and support muscle and joint health.

Natural Vitamin E

Vitamin E is an essential nutrient in the equine diet, meaning horses cannot make it themselves and must consume it in their diets. Research has shown that absorption of synthetic forms of vitamin E (dl-alpha-tocopherol) is poor. This can lead to vitamin E deficiency, neuromuscular conditions and poor performance. To maximize absorption, Optimize utilizes only natural vitamin E (d-alpha-tocopherol) which has been shown to significantly increase serum vitamin E levels in horses.

Prebiotics

Prebiotics act as a food source for the healthy bacteria already existing in your horse's gut. These beneficial bacteria not only help digest the fiber in your horse's diet, they also create a protective barrier at the gut lining helping to prevent it from being colonized by pathogens. The prebiotic in Optimize is derived from *Saccharomyces cerevisiae* yeast which may help normalize the gut microflora while enhancing microbial diversity. The result is a healthier gut, improved nutrient absorption and a more robust immune system.

Essential amino acids

Amino acids are the building blocks of protein and must be provided in the horse diet. A certain ratio of amino acids is needed for protein synthesis to occur, and when an essential amino acid is provided well below its requirement it can become the limiting factor in protein synthesis. The amino acid lysine is considered to be the most common limiting amino acid in typical horse diets. Optimize provides all nine essential amino acids with generous amounts of lysine, as well as leucine, which is known to be a vital player in the building and recovery of muscle.

Glucosamine

The majority of glucosamine used in equine joint supplements is derived from shellfish. This source is not sustainable and has a destructive impact on the environment; requiring large amounts of shellfish, water and chemicals to produce. There is also a risk of allergen sensitivity. At Medallion Equine, we believe in doing business ethically. That's why Optimize uses a premium source of glucosamine created using a new direct fermentation manufacturing technology. The glucosamine in Optimize is plant-based, non-GMO, totally transparent, fully traceable, sustainably produced and, most of all, highly effective.

Boswellia

The natural wellness properties of Boswellia have been known for thousands of years. This compound, derived from the resin of the *Boswellia serrata* tree, contains many bioactive agents identified as having therapeutic value. In particular, Boswellia supports a healthy inflammatory response and promotes joint, respiratory and gastrointestinal health.

Product facts



Active ingredients:

Per 1 scoop, 5.86 oz. (166 g) serving

Fatty Acids Profile:

Omega 3	11,370 mg
Omega 6	3,480 mg

Minerals:

Calcium	4,800–5,600 mg
Phosphorus	3,300 mg
Magnesium (as oxide)	920 mg
Zinc (as proteinate)	350 mg
Manganese (as proteinate)	175 mg
Iron (as proteinate)	140 mg
Copper (as proteinate)	100 mg
Iodine (EDDI)	3 mg
Cobalt	3 mg
Organic Selenium Yeast	1.5 mg

Vitamins:

Vitamin A	25,000 I.U.
Vitamin D3	5,000 I.U.
D-alpha-tocopherol (Natural Vitamin E)	1,000 I.U.
Calcium Ascorbate	2,500 mg
Choline Chloride	250 mg
Niacin	75 mg
Pantothenic Acid	50 mg
Thiamine	50 mg
Riboflavin	25 mg
Pyridoxine (Vitamin B6)	10 mg
Biotin	10 mg
Folic Acid	5 mg
Cyanocobalamin (Vitamin B12)	200 mcg

Amino Acids:

Leucine	5,800 mg
Lysine	2,000 mg
Methionine	1,000 mg
Arginine	900 mg
Glycine	500 mg
Threonine	500 mg
Serine	440 mg
Phenylalanine	420 mg
Valine	420 mg
Isoleucine	400 mg
Histidine	200 mg
Tyrosine	200 mg
Tryptophan	160 mg
Cystine	100 mg

Joint Support:

Glucosamine HCL (Vegetable)	10,000 mg
Methylsulfonylmethane (MSM)	10,000 mg
Yucca Shidigera Stem Extract	5,000 mg
Chondroitin Sulfate (Porcine)	2,000 mg
Boswellia Serrata Gum Extract	2,000 mg
Hyaluronic acid (min)	100 mg

Prebiotic:

Hydrolyzed Brewers Yeast	4,000 mg
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Inactive ingredients:

Brewers Dried Yeast, Corn Distillers Dried Grain w/ Solubles, Fenugreek Seed Powder, Ground Limestone, Hydrolyzed Yeast, Mineral Oil, Monocalcium Phosphate, Natural & Artificial Flavors (Anise and Vanilla), Organic Flaxseed Meal, Rice Bran, Tertbutylhydroquinone (TBHQ), Vegetable Fat.

Optimize does not contain any substances that are banned by the International Federation for Equestrian Sports (FEI).

