## **JointPLUS™**



It is important to protect the tendons, bones, and cartilage essential to healthy movement. JointPLUS is a proprietary blend of amino acids, vitamins and joint supporting herbs such as Turmeric and Omega-3 rich Flax Seed that provides the necessary nutrition for the care of an active horse's joints.

**INGREDIENTS:** Flax Seed, Soyflour, Glucosamine, Citrus Bioflavonoids, Cinnamon, L-Arginine, Chondroitin, Turmeric, Japanese Knotweed Rhizome, Vitamin B6, L-Methionine, L-Proline, Manganese Gluconate, Cayenne Pepper, Jalapeno Chili, Vitamin B1, Zinc Gluconate, MSM, Copper Gluconate, Iron, Vitamin C, Himalayan Salt, L-Citrulline DL-Malate, Biotin.

## INGREDIENT BREAKDOWN:

Flax Seed is an excellent source of Omega-3 essential fatty acids, "good" fats that have been shown to have heart-healthy effects. Flax Seed contains more Lignans (which have both Plant Estrogen and antioxidant qualities) than other plant foods. Flax Seed contains both the soluble and insoluble types of fiber.

Soyflour is rich in high quality protein and excellent source of iron, calcium, and B-vitamins. Besides having a multitude of other benefits, Soyflour provides the protein necessary to strengthen the muscles and tendons around the body's joints.

Glucosamine helps to slow the natural deterioration of joints, preventing and treating injuries.

Citrus Bioflavonoids have an anti-inflammatory and antioxidant properties.

Cinnamon has antifungal, antibacterial, anti-parasitic, and anti-inflammatory properties. Cinnamon has been effective in fighting stomach ulcers and may significantly lower LDL cholesterol and Triglycerides. Studies show cinnamon increases blood flow and improves performance.

L-Arginine is necessary for the production of protein. It also helps rid the body of ammonia (a waste product) and stimulates the release of insulin. In addition, L-Arginine is used to make nitric oxide (a compound that relaxes the blood vessels).

Chondroitin helps to decrease joint inflammation while improving mobility and general joint health.

Turmeric is a natural antiseptic and antibacterial agent. It has anti-inflammatory properties and may aid in fat metabolism.

Japanese Knotweed Rhizome has high levels of antioxidants.

Vitamin B6 (Pyridoxine) helps cells make proteins and manufactures brain chemicals. It has been used for muscle spasms, leg cramps, hand numbness, and some neuritis conditions.

L-Methionine helps with the effects of toxicity.

L-Proline is a precursor of collagen, which functions to support bones, muscles, tendons, and cartilages.

Manganese Gluconate is involved in bone formation, thyroid function, formation of connective tissues, blood sugar regulation, and immune function.

Cayenne contains Capsaicin, which works as a vasodilator, increasing blood flow while reducing inflammation and pain. It may also help to dissolve blood clots.

Jalapeno Chili contains Capsaicin. This substance inhibits the neuropeptide Substance P, a pain transmitter. Capsaicin also helps to kill harmful gastrointestinal bacteria, helping to prevent ulcers. It may also reduce cholesterol.

Vitamin B1 (Thiamine Hydrochloride) metabolizes carbohydrates, participates in the synthesis of acetylcholine, assists in nerve conduction and transmission, produces energy, and metabolizes oxygen.

Zinc Gluconate is a mineral required for the function of numerous enzymatic pathways. It quickens the healing of skin ulcers, acne conditions, infections, disease, and improves the immune system.

MSM or Methylsulfonyl-Methane, is an important building block for connective tissues in the equine body. It is used by the body to synthesize collagen, which in turn is used to make up cartilage, an essential part of the joints.

Copper Gluconate is essential to immune system health. It has also been used to help with Osteoarthritis.

Iron (Ferrous Fumarate) is directly related to the health of the brain and its functions. It fights against a number of diseases and infections and maintains proper growth and robust health.

Vitamin C (Ascorbic Acid) is essential for the formation of bone and cartilage. It helps the body develop resistance against infectious agents and scavenge harmful, pro-inflammatory free radicals.

Himalayan Salt provides valuable electrolytes, which when diminished can throw the delicate balance of the body's systems out of equilibrium.

L-Citrulline opens and relaxes the blood vessels. It supports detoxification pathways, Nitric Oxide production, and a healthy cardiovascular system. L-Citrulline aids the body in elimination of ammonia, allowing the body to recover from workouts.

Biotin is used for the maintenance of hoof health. It aids the joints by building strength in the feet, therefore leading to less wear and tear on the connective tissues.