

**PhyCox Granules, 480 grams**

## **Joint Supplements with MSM & Glucosamine**

Joint Support Supplement for Dogs

PhyCox Granules are formulated with a synergistic combination of ingredients to help relieve inflammation as part of normal daily activity. Phycox is a naturally derived extract of wild blue-green algae grown in the United States. Blue-green algae are a rich source of phytonutrients including Phycocyanin, a biliprotein that has scientifically demonstrated health benefits. The Phycox patented process produces a highly concentrated source of Phycocyanin, offering strong joint support and relief of discomfort in two ways:

1. **Proven Cyclooxygenase-2 (COX-2) Inhibition** Recent studies demonstrate the high concentrations of Phycocyanin found in Phycox specifically inhibit the COX-2 enzyme, blocking the synthesis of inflammatory eicosanoids, the natural mediators of inflammation in the body.
2. **Dynamic Antioxidant Phycocyanin** has robust free radical scavenging properties. It can help enhance the bodys defense against the degradative effects of free radicals that cause cellular damage and play a role in a host of degenerative conditions in dogs.

### **Turmeric:**

Turmeric is a natural botanical extract from the roots of the *Curcuma longa* plant with well-researched health benefits. Due to its ability to inhibit leukotriene biosynthesis and modify prostaglandin production, Turmeric has demonstrated anti-inflammatory and antioxidant capabilities.

### **Methylsulfonylmethane (MSM):**

MSM provides dietary sulfur that aids in the efficient function of cellular membranes and supports healthy muscles and joints by reducing inflammation.

### **Omega-3 Fatty Acids:**

Omega-3 Fatty Acids help reduce inflammation by altering the production of inflammatory mediators and support joint health by inhibiting enzymes involved in cartilage matrix destruction.

### **Joint Support:**

In addition to relieving inflammation, the PhyCox formula offers a joint support matrix for healthy synovial maintenance as well as bone and muscle support. Glucosamine HCl A precursor for glycosaminoglycans (GAGs), essential building blocks of cartilage, glucosamine supports joint health by stimulating GAG production in the extracellular matrix of cartilage. Glucosamine reduces the activity of inflammatory mediators and damaging enzymes that can degrade cartilage. Boron Boron is a mineral required for normal bone metabolism. Boron supplementation increases bone strength and the mineral content of the bone organic matrix. Through its interaction with nutrients such as calcium, magnesium and Vitamin D, Boron improves overall bone metabolism. Creatine Monohydrate A vital amino acid found in skeletal muscle, Creatine plays a role in

muscular energy and may have value in improving muscle strength, making pets feel more energetic. Antioxidants In addition to potent protection from oxidative damage offered by Phycocyanin, Turmeric and other key ingredients.

The PhyCox formula also contains a special blend of antioxidants to inhibit the destructive activity of free radicals.

Alpha Tocopheryl Acetate (Vitamin E)

Alpha Lipoic Acid

Ascorbic Acid (Vitamin C)

Citrus Bioflavonoids

Grape Seed Extract

Selenium

Zinc

**Active Ingredients per 4 g Scoop:**

Glucosamine HCl	450 mg
Methylsulfonylmethane	400 mg
Creatine Monohydrate	250 mg
Alpha Linolenic Acid	200 mg
Turmeric	50 mg
Phycox	30 mg
Eicosapentaenoic Acid	9 mg
Docosahexaenoic Acid	6 mg
Boron	100 mcg
Selenium	10 mcg
Alpha Tocopheryl Acetate [Vitamin E]	25 IU

**Directions for Use:**

**Initial Administration: (4 to 6 week period)**

**Weight Amount:**

5-15 lb scoop daily

16-30 lb 1 scoop daily

31-60 lb 2 scoops daily

Over 100 lb 5 scoops daily

61-100 lb 4 scoops daily

**Maintenance Administration:**

**Weight Amount:**

5-15 lb scoop every other day

16-30 lb scoop daily

31-60 lb 1 scoop daily

61-100 lb 2 scoops daily

Over 100 lb 2 scoops daily

**Cautions:**

Safe use in pregnant animals or animals intended for breeding has not been proven. Consult with your veterinarian before using this product in animals: with clotting disorders; being treated with anticoagulant medications; with diabetes or any metabolic disorder causing hyperglycemia; with a history of urinary tract stones. If lameness worsens, discontinue use and contact your veterinarian. Administer during or after the animal has eaten to reduce incidence of gastrointestinal upset.

**Warnings:**

Keep out of reach of children.

**Storage:**

Store at room temperature.