

# BioVet's Pet Antioxidant Wafers

**Whole 'Live' Enzyme-Rich Food  
in a 'Tasty' Treat for Your Dog or Cat!**

## **THE TRUTH ABOUT PRE-PROCESSED AND COOKED FOODS**

In the late 1930's Dr. Francis M. Pottenger, Jr., conducted an independent study with animals about the long term effects of eating pre-processed and cooked foods. His (now famous) study plainly demonstrated the dramatic benefits of uncooked, unprocessed foods in the diets of animals. Greatly improved health, vitality and recuperative ability were among his observations.

The study involved 900 cats over the course of ten years. During the study, Dr. Pottenger fed two sets of cats in the study group with raw milk and meat and another three sets of cats in the study group with pasteurized milk and cooked meat. Cats which ate the raw food were healthy and disease-free and produced healthy kittens generation after generation. At the end of the first generation, cats that ate the cooked foods were lethargic and began to suffer from allergies, infections and other maladies, including kidney, heart, thyroid and gum diseases. Each succeeding generation of cats that ate cooked foods showed progressively more illness and disease. The third generation of cats in the cooked foods study group were not even able to produce offspring.

## **WHY YOUR PET NEEDS WHOLE 'LIVE' ENZYME-RICH FOODS JUST LIKE PEOPLE**

Whether we are cats, dogs or human beings, when enzyme-dead food is eaten, the body is overburdened to produce enzymes to aid the process of digestion. In fact, the body will actually interrupt the making of vital metabolic enzymes in order to compensate for the enzyme deficiencies in the foods we eat. Enzyme-less diets are responsible for many of humanity's ills, including the shortening of lives. Today, doctors are treating children for juvenile diabetes and other degenerative diseases that just a few years ago were only found in people in their 50's and 60's.

That's why your pet needs a **Whole 'Live' Enzyme-Rich** food supplement like **BioVet's Pet Antioxidant Wafer**. Because uncooked and unrefined foods are **'alive'** with enzymes and vitamins in a form which is basic to an animal's requirements. Heating and refining destroy or eliminate many of the vital properties needed in a pet's food.

**BioVet's** specially formulated **'Pet Antioxidant Wafer'** with the **IsoSproutPlex®** blend offers a dynamic source of basic nutritional support for animals. This unique sprout blend provides all of the necessary factors required by an animal to produce **'Superoxide Dismutase' (SOD)** and **'Catalase' (CAT)** in the optimal amounts. Working in concert, the antioxidant enzymes and co-nutrient polypeptides act as bio-catalysts to promote and maintain an animal's normal cell functions and to help cleanse free radicals and toxins from the body.

The health, vigor and vitality of your animals will prove the value of **BioVet's Pet Antioxidant Wafer's Enzyme-Rich Nutrition**.



<b>Each Wafer Contains:</b>	
Sprouts: (glycine max, zea mays)	1500 mg
Beta Carotene	1000 IU
Vitamin C (ascorbic acid)	30 mg
Vitamin E (d-alpha tocopherol acetate)	5 IU
Selenium (Yeast)	10 mcg
Desiccated Liver Powder	1000 mg
<b>Guaranteed Analysis:</b>	
Crude Protein	Not less than 48%
Crude Fat	Not less than 1%
Crude Fiber	Not less than 3%
Moisture	Not more than 2%
Calcium (Ca)	Not less than .02%

**Recommended Daily Use:**

Large Pets: Feed 1 wafer per 40 Lbs. daily, before or between meals. Small Pets (under 40 pounds): Feed 1 wafer daily. For unusual and extreme conditions, consult your veterinarian for dosage for 14 days or as a maintenance program for 28 days. © Sept 2006



The Antioxidant Pet Wafer™ provides a full spectrum of the **'sacrificial'** antioxidants: beta-carotene, vitamins C, E, selenium and zinc, in addition to **IsoSproutPlex™**, the same proprietary blend of sprouts which is available exclusively to veterinary and pet hospitals in our **Dismutase™** brand of feed supplements. **IsoSproutPlex™** has been shown to increase erythrocyte superoxide dismutase, catalase, glutathione peroxidase and methionine reductase levels endogenously. These critical **'regenerative'** antioxidant enzymes overcome the traditional limitation of "one antioxidant molecule to one free radical" and prevent the formation of even more harmful reactive oxygen species. This unique blend of antioxidants helps maintain your pet's mobility and youthful vitality.

**A supplement for all mammalian pets.**

**12 Wafers**  
Net Wt. 36 gm  
Wafer Wt. 3 gm.

**BioVet International**  
Visit <http://www.petwafer.com>  
Huntington Beach, Ca. 92649 USA  
For questions call (800) 788-1084



**100%  
SATISFACTION  
GUARANTEED**

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# Proven in Clinical Studies!

## EFFECTS OF ORAL ENZYME SUPPLEMENTATION UPON MUSCULOSKELETAL INFLAMMATION

A SUMMARY OF VETERINARY CLINICAL RESEARCH COMPILED BY DAVID RANDALL, DVM, April 15, 1989

### **CONTRIBUTING VETERINARIANS**

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### **ABSTRACT**

387 dogs with various musculoskeletal inflammatory conditions were supplemented with DISMUTASE® Antioxidant enzyme preparation, Veterinarians prescribing the product reported significant improvements in mobility, range of motion, relief of pain and reduction of swelling in 340 cases (88%).

### **INTRODUCTION**

Musculoskeletal inflammation is a major cause of discomfort and debility in millions of older canines. Inflammation as a result of excess free radical activity is well established (Segal, 1984; McCord 1983). Problems with inflammation in the joints may be due to degradation of synovial fluid in the cavity through free radical reactions (McCord, 1974)

The use of injectable superoxide dismutase was thought to be the dawning of a new era in arthritis treatment. Its anti-inflammatory effect is well documented and thought to be due to superoxide dismutase's free radical scavenging ability. (Huber, et al, 1978; McCord, 1974; Cushing, et al, 1973; and Faull, et al, 1976). Limited by cost, convenience superoxide dismutase is rarely utilized in clinical settings.

### **MATERIALS**

The limitations of injectable superoxide dismutase for use in clinical setting have led to the development of a unique, vegetable (sprout) source for this and other related antioxidant enzymes (i.e. catalase). DISMUTASE® with established ability to affect blood levels of superoxide dismutase and catalase (Rothschild, et. al., 1988). In light of the correlations between free radicals and inflammation, this study was conducted with the help of veterinarians in private practice to determine the overall effect of this convenient, tableted preparation on the symptoms of inflammation.

### **METHODS**

387 dogs, ranging in sizes from 10 to 125 pounds, in ages from 6 months to 18 years, were reported from the 6 contributing veterinarians. In all cases the inflammations were noninfectious and either the result of injury, stress, developmental conditions or aging. The main characteristic was osteoarthritis with clinical signs of loss of mobility and movement, pain and in some cases edema and swelling. In most cases the patient had received no prior treatment. In all cases, DISMUTASE® was used as the primary therapy.

In all cases patients were symptomatic at beginning of trial.

The diagnosis was made by the veterinarian using standard techniques including radiographic evaluation, pin-prick test and palpation, as well as owner reports.

### **FINDINGS**

Of the 387 cases reported in this study, 340 patients demonstrated increased mobility, function and range of motion, with decreased pain and swelling in affected areas. Although 63 of the 340 patients did not show significant improvement until the fourth week, the average response time of the entire group was 8 days. All 340 cases which demonstrated improvement also reported increased levels of mobility as treatment time extended past initial response point. In most cases, a minimum of 1 tablet for each 20 pounds of body weight per day were necessary to achieve a measurable response. After initial response, maintenance dosages of 1/2 the initial amount, or approximately 1 tablet for every 40 pounds of body weight, were sufficient to sustain the desired result.

Along with obvious benefits to inflammatory conditions, the 340 patients demonstrated one or more of the following changes: Increased energy, alertness, stamina, return of normal appetite and accelerated healing in those cases with recent surgery or accidental trauma.

### **CONCLUSION**

Veterinarians supplementing with DISMUTASE® reported objective evidence of improvements in the relief of inflammatory conditions in 340 of 387 dogs. Based upon scientific evidence correlating free radical pathology with inflammatory conditions, it is indicated that the antioxidant qualities of the whole food antioxidant enzyme complex DISMUTASE® are the probable mode of action to achieve these results.

1) DISMUTASE® whole food antioxidant enzyme complex emphasizing superoxide dismutase and catalase. Product derived entirely from genetically enhanced plant sprouts. Dried at room temperature and tableted with no filler or binders. REFERENCES: Cushing, L.S., Decker, W.E., Santos, F.K., Schulte, F.L., and Huber, W. Orgotein therapy for inflammation in horses. Mod. Vet Pract. 54, 17-20. (1973). Huber, W., Schulte, T.L., Carson S. Goldhamar, R.E. and Vogin, E. Some chemical and pharmacological properties of a novel antiinflammatory protein. Toxic appl. Pharmac. 12,308. (1978), Fault, G.L., Baker, B de B, Walt, H. S. and Hofmeyr, C.F.B. Clinical trails with Orgotein (Palozein), JI, S, Air, vet, Ass. 47, 38-40. (1976). McCord, J.M. Free radicals and inflammation protections of synovial fluid by superoxide dismutase. Science 185, 529-31, (1974). McCord, J.M., The Superoxide free radical: It's biochemistry and pathophysiology. Surgery 94: 404-408, (1983). Parks, D.A., Bulkey, G.B., Granger, D.N., et al. Ischemic injury in the cat small intestine. Role of superoxide radicals. Gastroenterology, 82:9-15, (1982). Rothschild, P., Ordonez, L., Absorption study with SOD/CAT®. University Labs Press, 2639 S. King St. Honolulu, HI 96828. (1988). Segel, A.W., Superoxide generation, cytochrome b-245, and chronic granulomatose disease. Advances in Inflammatory Research, vol. 8. New York, Raven Press. pp. 55-82. (1984)

**These statements have not been evaluated by the Food and Drug Administration. This product is not meant to diagnose, treat, cure or prevent any disease.**