

TRI-HEART® PLUS PROVIDES PROTECTION FOR YOUR DOG, PEACE OF MIND FOR YOU.



COMPREHENSIVE GUARANTEE

If for any reason you are not satisfied, speak to your veterinarian or call our toll-free guarantee center at 1-800-224-5318 for a replacement or refund.

In the unlikely case of infection while on Tri-Heart® Plus, our comprehensive guarantee covers medications and veterinary service fees. Ask for details.

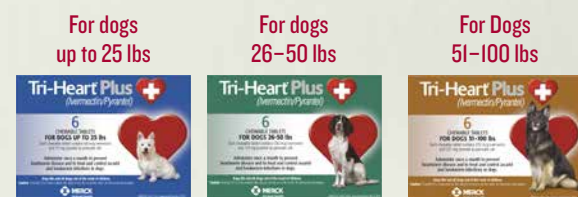


JUST AS EFFECTIVE, JUST AS PALATABLE.

94% of dogs love the chewable tablets.⁴

A taste test of Tri-Heart® Plus Chewable Tablets vs. Heartgard® Plus Chewables showed that dogs have no preference.⁴

For more information, visit TriHeartPlus.com.



Tri-Heart® Plus (Ivermectin/Pyrantel)

Chewable Tablets

Caution: Federal (U.S.A.) law restricts this drug to use by or on the order of a licensed veterinarian.

INDICATIONS: For use in dogs to prevent canine heartworm disease by eliminating the tissue stage of heartworm larvae (*Dirofilaria immitis*) for a month (30 days) after infection and for the treatment and control of ascarids (*Toxascaris canis*, *Uncinaria stenocephala*, *Ancylostoma braziliense*).

DOSAGE: Tri-Heart® Plus ivermectin/pyrantel chewable tablets should be administered orally at monthly intervals at the recommended minimum dose level of 6 mcg of ivermectin per kilogram (2.72 mcg/lb) and 5 mg of pyrantel (as pamoate salt) per kg (2.27 mg/lb) of body weight. The recommended dosing schedule for prevention of canine heartworm disease and for the treatment and control of ascarids and hookworms is as follows:

Dog Weight	Chewable Tablets per Month	Ivermectin Content	Pyrantel Content	Color Coding on Blister Card and Carton
Up to 25 lbs	1	60 mcg	57 mg	Blue
26 to 50 lbs	1	136 mcg	114 mg	Green
51 to 100 lbs	1	272 mcg	227 mg	Brown

Tri-Heart® Plus ivermectin/pyrantel chewable tablets are recommended for dogs 6 weeks of age and older. For dogs over 100 lbs, use the appropriate combination of these tablets.

ADMINISTRATION: Remove only one chewable tablet at a time from the blister card. Because most dogs find Tri-Heart® Plus chewable tablets palatable, the product can be offered to the dog by hand. Alternatively, it may be added intact to a small amount of dry food or placed in the back of the dog's mouth for forced swallowing.

Care should be taken that the dog consumes the complete dose, and treated animals should be observed for a few minutes after administration to ensure that part of the dose is not lost or rejected. If it is suspected that any of the dose has been lost, redosing is recommended.

Tri-Heart® Plus chewable tablets should be given at monthly intervals during the period of the year when mosquitoes (vectors), potentially carrying infective heartworm larvae, are active. The initial dose must be given within a month (30 days) after the dog's first exposure to mosquitoes. The final dose must be given within a month (30 days) after the dog's last exposure to mosquitoes.

When replacing another heartworm preventive product in a heartworm disease preventive program, the first dose of Tri-Heart® Plus chewable tablets must be given within a month (30 days) of the last dose of the former medication.

If the interval between doses exceeds a month (30 days), the efficacy of ivermectin can be reduced. Therefore, for optimal performance, the chewable tablet must be given once a month on or about the same day of the month. If treatment is delayed, whether by a few days or many, immediate treatment with Tri-Heart® Plus chewable tablets and resumption of the recommended dosing regimen minimizes the opportunity for the development of adult heartworms.

Monthly treatment with Tri-Heart® Plus chewable tablets also provides effective treatment and control of ascarids (*T. canis*, *T. leonina*) and hookworms (*A. caninum*, *U. stenocephala*, *A. braziliense*). Clients should be advised of measures to be taken to prevent reinfection with intestinal parasites.

EFFICACY: Tri-Heart® Plus chewable tablets given orally using the recommended dose and regimen, are effective against the tissue larval stage of *D. immitis* for a month (30 days) after infection and, as a result, prevent the development of the adult stage. Tri-Heart® Plus chewable tablets are also effective against canine ascarids (*T. canis*, *T. leonina*) and hookworms (*A. caninum*, *U. stenocephala*, *A. braziliense*).

ACCEPTABILITY: In acceptability trials, Tri-Heart® Plus chewable tablets were shown to be a palatable oral dosage form that was consumed at first offering by the majority of dogs.

PRECAUTIONS: All dogs should be tested for existing heartworm infection before starting treatment with Tri-Heart® Plus chewable tablets which are not effective against adult *D. immitis*. Infected dogs must be treated to remove adult heartworms and microfilariae before initiating a program with Tri-Heart® Plus chewable tablets.

While some microfilariae may be killed by the ivermectin in Tri-Heart® Plus chewable tablets at the recommended dose level, Tri-Heart® Plus chewable tablets are not effective for microfilariae clearance. A mild hypersensitivity-type reaction, presumably due to dead or dying microfilariae and particularly involving a transient diarrhea has been observed in clinical trials with ivermectin alone after treatment of some dogs that have circulating microfilariae.

Keep this and all drugs out of the reach of children. In case of ingestion by humans, clients should be advised to contact a physician immediately. Physicians may contact a Poison Control Center for advice concerning cases of ingestion by humans.

Store at controlled room temperature of 59-86° F (15-30° C). Protect product from light.

ADVERSE REACTIONS: In clinical field trials with ivermectin/pyrantel, vomiting or diarrhea within 24 hours of dosing was rarely observed (1.1% of administered doses). The following adverse reactions have been reported following the use of ivermectin at the recommended dose: depression/lethargy, vomiting, anorexia, diarrhea, mydriasis, ataxia, staggering, convulsions and hypersalivation.

SAFETY: Studies with ivermectin indicate that certain dogs of the Collie breed are more sensitive to the effects of ivermectin administered at elevated dose levels (more than 16 times the target use level of 6 mcg/kg) than dogs of other breeds. At elevated doses, sensitive dogs showed adverse reactions which included mydriasis, depression, ataxia, tremors, drooling, paresis, recumbency, excitability, stupor, coma and death. Ivermectin demonstrated no signs of toxicity at 10 times the recommended dose (60 mcg/kg) in sensitive Collies. Results of these trials and bioequivalency studies support the safety of ivermectin products in dogs, including Collies, when used as recommended.

Ivermectin/pyrantel has shown a wide margin of safety at the recommended dose level in dogs, including pregnant or breeding bitches, stud dogs and puppies aged 6 or more weeks. In clinical trials, many commonly used flea collars, dips, shampoos, anthelmintics, antibiotics, vaccines and steroid preparations have been administered with ivermectin/pyrantel in a heartworm disease preventive program.

In one trial, where some pups had parvovirus, there was a marginal reduction in efficacy against intestinal nematodes, possibly due to a change in intestinal transit time.

HOW SUPPLIED: Tri-Heart® Plus chewable tablets are available in three dosage strengths (See DOSAGE section) for dogs of different weights. Each strength comes in convenient packs of 6 chewable tablets.

For Technical Assistance, call Merck Animal Health: 1-800-224-5318

Manufactured for: Intervet Inc., a subsidiary of Merck & Co., Inc., Summit, NJ 07901

Manufactured by: Diamond Animal Health, Inc., a wholly owned subsidiary of Heska Corporation, Des Moines, IA 50327

©2017 Heska Corporation. All rights reserved.

02260-1

ANADA 200-338, Approved by FDA

www.TriHeartPlus.com

For more information, visit TriHeartPlus.com.



Tri-Heart® Plus (Ivermectin/Pyrantel)

SAME MEDICATION¹ FOR DOGS.

EASIER-TO-SWALLOW PRICE FOR OWNERS.



¹The same active ingredients for heartworm protection and internal parasite control as the leading competitor, but at a lower price.

TRI-HEART® PLUS USES THE SAME ACTIVE INGREDIENTS AS THE LEADING COMPETITOR.

It may take just one bite from a heartworm infected mosquito to give a dog heartworm disease. In addition to preventing heartworm disease, Tri-Heart® Plus effectively treats and controls roundworms and hookworms.

Hookworms and roundworms are parasites that live in the dog's intestines. Hookworms latch onto the intestinal wall and feast on the dog's blood. Roundworms cause diarrhea, vomiting and, in extreme cases, pneumonia and intestinal obstruction.

With Tri-Heart® Plus, your dog can enjoy the same protection from everything that comes along with those harmful parasites.

THE SAME PROTECTION AT A LOWER PRICE.

PRODUCT BENEFITS



	Contains Ivermectin/Pyrantel, proven active ingredient for heartworm protection	✓	✓
	Kills heartworm larvae, treats and controls roundworms and hookworms ²	✓	✓
	Easy-to-give, beef-flavored, chewable ²	✓	✓
	20% lower price ³	✓	

¹ The same active ingredients for heartworm protection and internal parasite control as the leading competitor, but at a lower price.

² Please refer to Tri-Heart® Plus Prescribing Information for more detail.

³ Average discounted price of Tri-Heart® Plus compared to Heartgard® Plus, December 2016, 57-69 US Flea and Heartworm Markets, Brakke Consulting and Average price of Tri-Heart® Plus compared to Heartgard® Plus as per Price List, Merial® Brand Pet Products Effective February 1st, 2017.

All dogs should be tested for heartworm infection before starting a preventive program. In a small percentage of ivermectin/pyrantel-treated dogs, digestive and neurological side effects may occur.

Tri-Heart and Tri-Heart Plus logos are registered trademarks of Merck Animal Health. Heartgard is a registered trademark of Merial, Inc.



Phone - 800.233.0210

www.pennvet.com

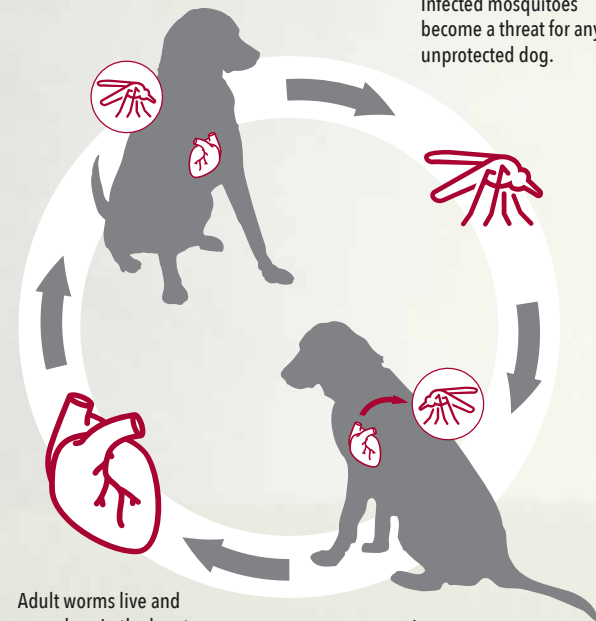


JUST ONE BITE FROM AN INFECTED MOSQUITO IS ALL THAT IT TAKES.

How heartworm disease spreads:

If untreated, an infected dog can die and now infect even more mosquitoes.

Infected mosquitoes become a threat for any unprotected dog.



Adult worms live and reproduce in the heart and pulmonary arteries. It takes 6 months to test positive after being bitten.

A new dog gets infected by a mosquito bite.

EVERY SEASON IS HEARTWORM SEASON.

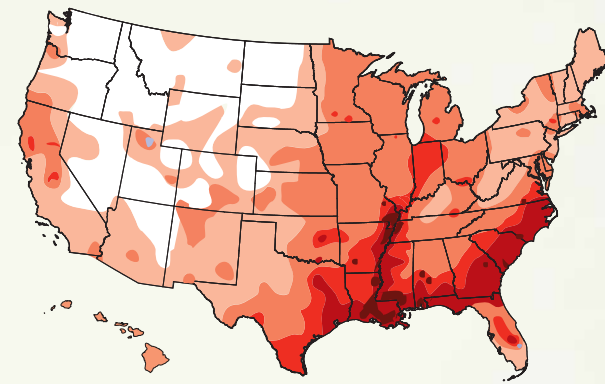
No matter what the season, products like Tri-Heart® Plus should be administered year-round without missed or late doses for effective heartworm protection.



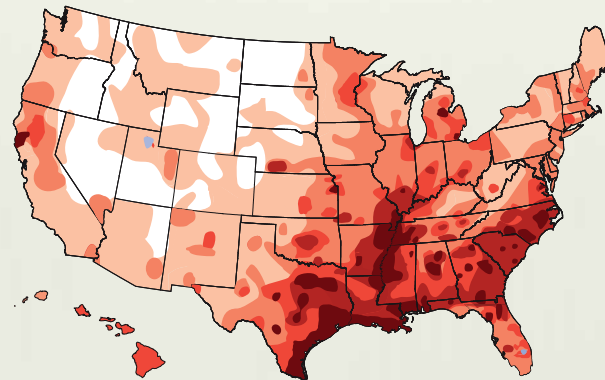
HEARTWORM IS A THREAT IN ALL 50 STATES.

INCIDENCE OF HEARTWORM IN THE U.S.A.

Heartworm-positive cases in 2001⁵



Heartworm-positive cases in 2013⁵



Average Number of Cases per Reporting Clinic



⁵ Incidence maps used with permission from the American Heartworm Society.

TREATING HEARTWORM COSTS UP TO 15 TIMES MORE THAN PREVENTING IT.

Treatment can also be dangerous. Here's what you can expect:



Clinical Signs

Sickness with coughing, distended abdomen, listlessness, weight loss and difficulty breathing.



Blood Test

To confirm the presence of heartworms.



Evaluation

A thorough medical exam is required, including radiographs and blood work, to determine the extent of the disease.



Arsenic-Based Medication

In separate appointments, a series of injections of a potent arsenic-based medication is administered to kill heartworms. Additional medications may be recommended as well.



Multi-Day Hospitalization

A stay of up to 3 days is required after the initial treatment. The dog must be kept inactive and closely monitored.



Up to 2 Months of Confinement

To keep the dead heartworms from going into the lungs and causing a life-threatening situation, the dog must not exercise and be kept confined for up to 2 months.



Survival

Months later, tests are required to confirm the success of the treatment. Not all dogs will survive this grueling treatment regimen.

FREQUENTLY ASKED QUESTIONS

Is Tri-Heart® Plus safe for my dog?

Tri-Heart® Plus flavored chewable tablets are an FDA-licensed product, indicating they are safe and effective when used as recommended on the label. All dogs should be tested for existing heartworm infection before starting treatment with Tri-Heart® Plus.

My dog is taking some other medications for another condition. Is it still safe to give her Tri-Heart® Plus tablets?

In clinical trials, many commonly used flea collars, dips, shampoos, anthelmintics (deworming medications), antibiotics, vaccines and steroid preparations have been administered with ivermectin/pyrantel in a heartworm disease prevention program. For questions about specific medications, please consult your veterinarian.

Is it okay to give my pregnant dog Tri-Heart® Plus tablets? What about after she has given birth and is breastfeeding the puppies?

Ivermectin/pyrantel, the active ingredients in Tri-Heart® Plus, have a wide margin of safety at the recommended dose level in dogs, including pregnant females, breeding males and females, and puppies 6 weeks or older, according to the package insert.

Can Tri-Heart® Plus tablets be given to a dog that has heartworms or that is heartworm-positive?

No. Tri-Heart® Plus is labeled for use in dogs to prevent heartworm disease and not for the treatment of heartworm infections. The package insert contains this precautionary statement: "Infected dogs must be treated to remove adult heartworms and microfilariae before initiating a program with Tri-Heart® Plus flavored chewable tablets."

Can Tri-Heart® Plus be used as a heartworm preventive in cats?

No. Tri-Heart® Plus is not approved for use in cats.

Do Tri-Heart® Plus tablets contain wheat or rice gluten?

No.

Where can I buy Tri-Heart® Plus tablets?

Tri-Heart® Plus flavored chewable tablets can be obtained only by prescription and are available from your veterinarian.

Where can I find additional information about heartworms?

The American Heartworm Society (AHS) is an excellent source of information for both pet owners and veterinarians. Please visit heartwormsociety.org for further details.