



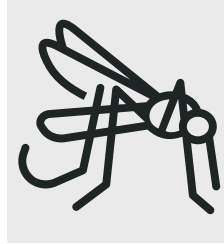
ABOUT HEARTWORM DISEASE

According to CAPC's 2020 heartworm forecast, incidence is expected to increase in some areas of the country, like the Mississippi River Valley, southern portions of the Midwest, and the Atlantic Coast.¹



EACH YEAR, OVER **1 MILLION** DOGS ARE DIAGNOSED.²

6 MONTHS



It takes more than 6 months for a dog to be diagnosed with heartworms after a mosquito bite.³

ABOUT INTESTINAL PARASITES

Severe infection with intestinal parasites like hookworms and roundworms can be fatal – Especially in puppies.^{4,5}



90%
90% of puppies under 3 months old are infected with roundworms.⁶

THE RISKS

Some internal parasites can be zoonotic, meaning they pose a threat to both pets and their owners.⁷



95% INCREASE

Over the past 4 years, cases of hookworms have increased by 95% and cases of roundworms have increased by 39%.⁸



73%

73% of U.S. pediatricians have reported a case of parasitic infection in children.⁹

TRUSTED PREVENTION

HEARTGARD[®] Plus (ivermectin/pyrantel) is the heartworm prevention product that more pet owners trust and ask for by name.¹⁰ Unlike other preventives, HEARTGARD Plus prevents heartworm disease and treats and controls:

3 SPECIES OF HOOKWORMS

2 SPECIES OF ROUNDWORMS

THE #1 VETERINARIAN RECOMMENDED HEARTWORM PREVENTION PRODUCT.¹¹

2 BILLION
More than 2 billion doses dispensed.¹²

PARASITES CAN SURVIVE IN COLDER WEATHER, KEEPING A PET'S RISK HIGH YEAR-ROUND.¹³

YEAR-ROUND PARASITE PREVENTION IS RECOMMENDED, EVEN FOR DOGS THAT DON'T SPEND A LOT OF TIME OUTDOORS.¹³



HEARTGARD Plus is the Real-Beef Chewable that dogs love!¹⁴

In combined studies, in dogs showing a preference, dogs preferred HEARTGARD Plus.¹⁵

IMPORTANT SAFETY INFORMATION: HEARTGARD[®] Plus (ivermectin/pyrantel) is well tolerated. All dogs should be tested for heartworm infection before starting a preventive program. Following the use of HEARTGARD Plus, digestive and neurological side effects have rarely been reported. For more information, please visit www.HEARTGARD.com.

¹ <https://capcvet.org/articles/risk-of-exposure-to-vector-borne-pathogens-what-to-expect-in-2020/>
² <https://www.heartwormsociety.org/newsroom/in-the-news/84-new-canine-heartworm-guidelines-released>
³ https://d3ft8sckhnqim2.cloudfront.net/images/pdf/2020_AHS_Canine_Guidelines.pdf?1580934824
⁴ CAPC: <https://capcvet.org/guidelines/hookworms/>
⁵ CAPC: <https://capcvet.org/guidelines/ascarid/>
⁶ Schantz PM. Zoonotic ascarids and hookworms: the role for veterinarians in preventing human disease. In: *Emerging Vector-Borne and Zoonotic Disease, The Compendium Suppl.* 2002;24(1):47-52.
⁷ CDC: Roundworms: <https://www.cdc.gov/parasites/toxocarriasis/epi.html>
 Hookworms: <https://www.cdc.gov/parasites/zoonotichookworm/epi.html>

⁸ CAPC: Rounds 2015: (101,278 cases) [https://capcvet.org/maps/#2015/all/roundworm/dog/united-states/Rounds 2015](https://capcvet.org/maps/#2015/all/roundworm/dog/united-states/Rounds%202015): (141,166 cases) [https://capcvet.org/maps/#2019/all/roundworm/dog/united-states/Hooks 2015](https://capcvet.org/maps/#2019/all/roundworm/dog/united-states/Hooks%202015): (122,372 cases) [https://capcvet.org/maps/#2015/all/hookworm/dog/united-states/Hooks 2015](https://capcvet.org/maps/#2015/all/hookworm/dog/united-states/Hooks%202015): (238,947 cases); <https://capcvet.org/maps/#2019/all/hookworm/dog/united-states/>
⁹ Thornblison P. Pets, worms and little people. *Contemporary Pediatrics*. September 2003.
¹⁰ Data on file at Boehringer Ingelheim.
¹¹ Data on file at Boehringer Ingelheim.
¹² Data on file at Boehringer Ingelheim.
¹³ <https://parasitesandvectors.biomedcentral.com/articles/10.1186/s13071-019-3701-7>
¹⁴ Freedom of Information: NADA 140-971 (January 15, 1993).
¹⁵ Data on file at Boehringer Ingelheim.