

PROTECT YOUR DOG YEAR-ROUND FROM FLEAS AND TICKS

Learn more about the threat of fleas and ticks to your dog's health and the importance of uninterrupted protection.



MSD
Animal Health



THE FACTS ABOUT FLEAS

When thinking about fleas, many pet owners focus only on the adult fleas they see crawling on their pets. In reality, adult fleas make up only 5% of all flea infestations.¹



Year-round problem

Flea infestations occur throughout the year, making year-round flea control necessary.



Unpredictable timing of life cycle

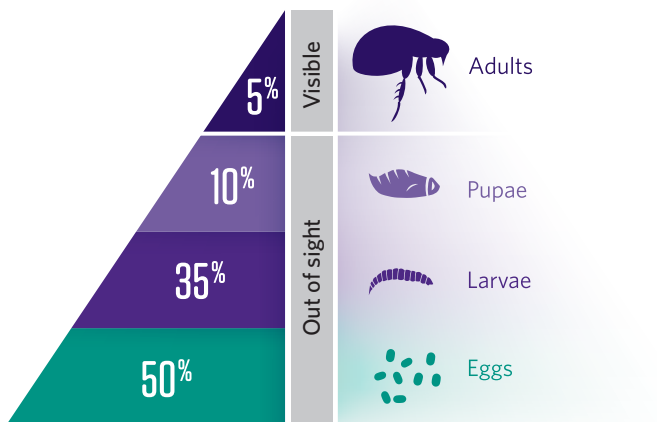
Development from egg to adult can be as fast as 14 days or as long as 140 days.²



Fleas thrive indoors

Buildings or homes with central heating or carpeted floors may allow flea development to continue, regardless of the season.²

THE FLEA LIFE CYCLE



Immature fleas, which are invisible to the naked eye, account for 95% of all flea infestations.¹

FLEAS AND TICKS ARE A YEAR-ROUND THREAT

More than just a summer problem

- Fleas and ticks can survive in temperate environments, including inside your home.
- Warming temperatures around the globe mean that fleas and ticks are active for more months of the year, creating a greater threat of disease and discomfort to pets.

YOUR DOG NEEDS YEAR-ROUND PROTECTION¹⁻³

Continuous protection helps keep your dog healthy

- Protecting against fleas and ticks for only 1 or 2 seasons a year leaves gaps in protection, putting your dog at risk for infestation.
- Year-round protection against fleas and ticks helps avoid the emotional and financial pain of treating an infestation.



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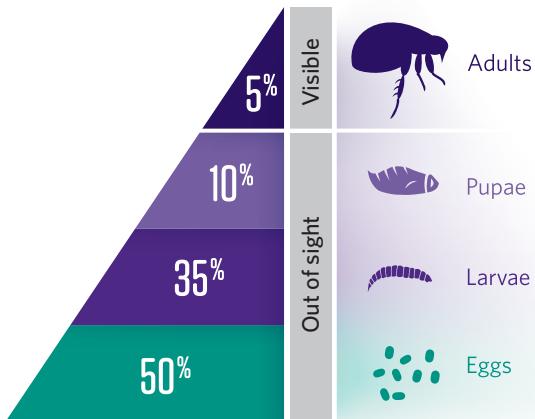
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THE TRUTH ABOUT TICKS

Many pet owners stop protecting against ticks when the weather starts to cool. Scientific research has shown recently that in areas where one can expect tick seasonality, major and dangerous ticks can be found on dogs throughout the whole year.⁴ Some species of ticks are even active year round in climate-controlled homes.⁵



Ticks are widespread

You can find ticks almost anywhere. Many species exist with varying characteristics and geographic distributions.²



Ticks are active in cold temperatures

Ticks are active at temperatures as low as 1.9°C.⁶



The risk has increased

The risk of ticks has increased due to pets traveling to different areas, changes in climate, shifts in wildlife populations and other factors.⁷

TICKS ARE ACTIVE
YEAR ROUND
EVEN IN COLDER TEMPERATURES



How do dogs get fleas and ticks?

Dogs of all lifestyles can be exposed to fleas and ticks. Fleas live and multiply in shaded areas with leaves and debris as well as inside homes where they hide in carpets and under rugs. Ticks thrive in grass and wooded areas, and some species of ticks can also infest homes.

Why are fleas and ticks harmful to my pet?

Fleas and ticks are more than just a nuisance. They can transmit serious diseases, some of which may even be life-threatening to your pet.

What health problems can fleas and ticks cause?

Fleas can cause problems such as tapeworm infections, skin allergies and skin infections. In extreme cases, a heavy infestation of fleas can lead to severe blood loss and anaemia in small, young, geriatric or chronically ill dogs. This can be serious or even fatal. Ticks can transmit diseases such as babesiosis, borreliosis, ehrlichiosis and more.

What should I look for in a flea and tick medicine?

The ideal option is safe and effective and fits with your lifestyle - and when administered as directed, your pets and your home stay protected without gaps. Different products offer various periods of protection. Ask your vet what is best for you.



PROTECT YOUR DOG ALL YEAR LONG

Many pet owners stop protecting against fleas and ticks when the weather starts to cool. But fleas and ticks remain a year-round problem.¹⁻³



**Talk to us about protecting
your dog year-round from
the threat of fleas and ticks.**

References: **1.** Tropical Council for Companion Animal Parasites. TroCCAP guidelines for the control of ectoparasites of dogs and cats in the tropics: First edition. January 2022. Accessed March 8, 2023. <https://www.troccap.com/2017press/wp-content/uploads/2022/01/TroCCAP-Canine-Feline-Ecto-Guidelines-English-v1.pdf> **2.** European Scientific Counsel Companion Animal Parasites. Control of ectoparasites in dogs and cats: ESCCAP Guideline 03 Seventh edition. January 2022. Accessed March 8, 2023. https://www.esccap.org/uploads/docs/eiw2uedg_0720_ESCCAP_GL3_English_v18_1p.pdf **3.** The case for year-round flea and tick control. Companion Animal Parasite Council. Accessed March 8, 2023. <https://capcvet.org/articles/the-case-for-year-round-flea-and-tick-control/> **4.** Probst, J., A. Springer, and C. Strube, *Year-round tick exposure of dogs and cats in Germany and Austria: results from a tick collection study*. *Parasites & Vectors*, 2023. 16:70. doi:10.1186/s13071-023-05693-5 **5.** Saari S, Näreaho A, Nikander S. *Rhipicephalus sanguineus*: Arachnida. Science Direct. Accessed October 5, 2023. <https://www.sciencedirect.com/topics/biochemistry-genetics-and-molecular-biology/rhipicephalus-sanguineus> **6.** Perret J L, Guigoz E, Rais O, Gern L. Influence of saturation deficit and temperature on *Ixodes ricinus* tick questing activity in a Lyme borreliosis-endemic area (Switzerland). *Parasitol Res*. 2000;86(7):554-557. **7.** 2023 Annual pet parasite forecasts. Companion Animal Parasite Council. Accessed July 17, 2023. <https://capcvet.org/articles/2023-annual-pet-parasite-forecasts/>