

# Fact Sheet



## Triflexis<sup>®</sup> (spinosad + milbemycin oxime)

Triflexis is an FDA-approved, monthly chewable tablet indicated to kill fleas and prevent infestations, prevent heartworm disease, and treat and control intestinal parasite infections (hookworm, roundworm and whipworm).

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**ACTIVE INGREDIENTS:** Spinosad and milbemycin oxime

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**MODE OF ACTION:** The primary target of action for spinosad is an activation of nicotinic acetylcholine receptors (nAChRs). Milbemycin oxime acts by binding to glutamate-gated chloride ion channels in invertebrate nerve and muscle cells. Increased permeability by the cell membrane to chloride ions causes hyperpolarization of affected cells and subsequent paralysis and death of the intended parasites.

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**ADMINISTRATION:** Chewable, beef-flavored tablet administered orally once monthly for at least three months after the last exposure to mosquitoes. Available in five tablet sizes for dogs ranging from 5 to 120 lbs.\* Give with food for maximum effectiveness.

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**EFFECTIVENESS:**

**Heartworm.** In a well-controlled laboratory study, Triflexis was 100% effective against induced heartworm infections when administered for 3 consecutive monthly doses. Two consecutive monthly doses did not provide 100% effectiveness against heartworm infection. In another well-controlled laboratory study, a single dose of Triflexis was 100% effective against induced heartworm infections.

**Fleas.** In a controlled laboratory study, spinosad began to kill fleas in 30 minutes and was 100% effective in 4 hours. Kills fleas before they can lay eggs.

**Intestinal Parasites.** A single dose of Triflexis was effective in removing adult roundworm, whipworm and hookworm (*Ancylostoma caninum*) infections. Spinosad did not interfere with the effectiveness of milbemycin oxime.<sup>1</sup>

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**USE:** Triflexis is demonstrated safe for dogs and puppies 8 weeks of age and older and 5 lbs of body weight and over. Not for human use. Keep out of reach of children.

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**IMPORTANT SAFETY INFORMATION:** Serious adverse reactions have been reported following concomitant extra-label use of ivermectin with spinosad alone, one of the components of Triflexis chewable tablets.

Treatment with fewer than three monthly doses after the last exposure to mosquitoes may not provide complete heartworm prevention. Prior to administration of Triflexis, dogs should be tested for existing heartworm infection. Use with caution in breeding females. The safe use of Triflexis in breeding males has not been evaluated. Use with caution in dogs with pre-existing epilepsy.

The most common adverse reactions reported are vomiting, depression/lethargy, pruritus, anorexia, and diarrhea. To ensure heartworm prevention, observe your dog for one hour after administration. If vomiting occurs within an hour of administration, redose with another full dose. Puppies less than 14 weeks of age may experience a higher rate of vomiting.

For product label, including complete safety information, see back.

\*Dogs over 120 lbs should be administered the appropriate combination of tablets.  
<sup>1</sup>Triflexis FOI NADA 141-321.

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