Let’s talk about preventing flea infestations through the use of a unique product.
Did you know adult fleas only make up 5% of the total flea population?

Meet a Yorkie named “Lucy.” Even though Lucy is groomed regularly, her veterinarian found a few fleas during a recent checkup. Since 95% of the flea population is hiding in the environment, out of sight, Lucy could have gotten fleas from places that have been visited by other dogs or wild animals. To help, Lucy’s veterinarian told her owner about the importance of preventing fleas with SENTINEL® Brand Products.

By the time you see fleas, they have already laid eggs.
Female fleas can lay 20–50 eggs per day. These eggs do not stay on the dog; they fall off into carpeting, furniture, bedding, and the cracks in hardwood floors. The eggs then hatch into maggot-like larvae. You cannot remove them all by vacuuming and washing alone.

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Why are SENTINEL Brand Products the solution to preventing flea infestations?

How do SENTINEL Brand Products prevent fleas?
When fleas bite your dog and feed on its blood, they also swallow one of the active ingredients in SENTINEL Brand Products called lufenuron. This ingredient will stop the eggs that the female flea lays from being able to hatch. Likewise, flea larvae may feed on flea eggs and flea feces that contain lufenuron. This will help inhibit the development of the larvae so they cannot become pupae. With SENTINEL Brand Products, you are assured that baby fleas won’t become adult fleas.

But if SENTINEL Brand Products don’t kill the adult fleas, won’t they still be on my dog, like Lucy?
Initially, you can add a product that kills adult fleas. Your veterinarian should recommend the best course of action for your specific dog. Once your dog starts taking SENTINEL Brand Products each month, you may never see an adult flea. If you do, rest assured that SENTINEL Brand Products help prevent a full-blown flea infestation from occurring by breaking the flea life cycle and not allowing flea eggs to become adult fleas.

SENTINEL Brand Products not only prevent fleas, but also prevent heartworms and treat and control roundworms, hookworms, and whipworms. SENTINEL® SPECTRUM® (milbemycin oxime/lufenuron/praziquantel) is also indicated for treatment and control of tapeworms.

Save money on your dog’s coverage with special rebate offers.

SENTINEL® SPECTRUM® (milbemycin oxime/lufenuron/praziquantel). Dogs should be tested for heartworm prior to use. Mild hypersensitivity reactions have been noted in some dogs carrying a high number of circulating microfilariae. Treatment with fewer than 6 monthly doses after the last exposure to mosquitoes may not provide complete heartworm prevention. Please see full product label at the back of this piece for more information, or visit www.virbacvet.com.

SENTINEL® (milbemycin oxime/lufenuron) FLAVOR TABS®. Dogs should be tested for heartworm prior to use. In a small percentage of treated dogs, digestive, neurologic, and skin side effects may occur. Please see full product label at the back of this piece for more information, or visit www.virbacvet.com.
The following information is not comprehensive. Consult your veterinarian before using Sentinel® Spectrum.

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

Indications
SENTINEL® SPECTRUM is indicated for the prevention of heartworm disease caused by *Dirofilaria immitis* for the prevention and control of *flea populations* (Cheatonopthodes felis) and for the treatment and control of adult *roundworms* (*Toxocara canis*, *Toxascaris leonina*), adult *hookworms* (*Ancylostoma caninum*, *Ancylostoma ceylanicum*), and adult *tapeworms* (*Taenia pulmonary*, *Echinococcus granulosus* and *Echinococcus multilocularis*) infections in dogs and puppies two pounds of body weight or greater and six weeks of age and older.

Dosage and Administration
SENTINEL® SPECTRUM should be administered orally, once every month, at the minimum dosage. See the full product insert for dosage recommendations.

To ensure adequate absorption, always administer SENTINEL® SPECTRUM to dogs immediately after or in conjunction with a normal meal. The chewables should be administered in a manner that encourages the dog to chew, rather than to swallow without chewing. Chewables may be broken into pieces and fed to dogs that normally swallow treats whole. Care should be taken that the dog consumes the complete dose, and treated animals should be observed a few minutes after administration to ensure that no part of the dose is lost or rejected. If it is suspected that any of the dose has been lost, redosing is recommended.

Heartworm Prevention:
SENTINEL® SPECTRUM should be administered at monthly intervals beginning within 1 month of the dog's first seasonal exposure to mosquitoes and continuing until at least 6 months after the dog's last seasonal exposure. SENTINEL® SPECTRUM may be administered year-round without interruption. When switching from another heartworm preventive to SENTINEL® SPECTRUM, the first dose of SENTINEL® SPECTRUM should be given within a month of the last dose of the former product.

Flea Treatment and Prevention:
Treatment with SENTINEL® SPECTRUM may begin at any time of the year, preferably starting one month before fleas become active and continuing monthly through the end of the flea season. In areas where fleas are common year-round, monthly treatment with SENTINEL® SPECTRUM should continue the entire year without interruption. To maximize the likelihood of flea infestation, it is important to treat all animals within a household with an approved flea protection product, as necessary.

Intestinal Nematode and Cestode Treatment and Control:
Dogs may be exposed to and become infected with *roundworms*, *hookworms*, *hookworms*, and *tapeworms* throughout the year, regardless of season or climate. Clients should be advised of appropriate measures to prevent infection of their dog with intestinal parasites. Because the prepatent period for *E. multilocularis* may be as short as 26 days, dogs treated at the labeled monthly intervals may become reinfected and shed eggs between treatments.

Contraindications
There are no known contraindications to the use of SENTINEL® SPECTRUM.

Warnings
Not for use in humans. Keep this and all drugs out of the reach of children.

Efficacy of Milbemycin Oxime
Milbemycin oxime provided complete protection against heartworm infection in both controlled laboratory and clinical trials. In laboratory studies, a single dose of milbemycin oxime at 0.5 mg/kg was effective in removing *roundworm*, *hookworm* and *whipworm*.

Efficacy of Lufenuron
Lufenuron provided 99% control of flea egg development for 32 days following a single dose of lufenuron at 10 mg/kg in studies using experimental flea inoculations.

Safety of Milbemycin Oxime
Milbemycin oxime has been tested safely in over 75 different breeds of dogs, including collies, pregnant females, breeding males and females, and puppies over two weeks of age. In well-controlled clinical field studies 768 dogs completed treatment with milbemycin oxime. Milbemycin oxime was used safely in animals receiving frequently used veterinary products such as vaccines, anthelmintics, antibiotics, steroids, flea collars, shampoos and dips.

Safety of Lufenuron
Lufenuron tablets have been used and tested safely in over forty breeds of dogs, including pregnant females, breeding males and puppies over six weeks of age. In well-controlled clinical trials, 151 dogs completed treatment with lufenuron tablets. Lufenuron tablets were used safely in animals receiving frequently used veterinary products such as vaccines, anthelmintics and antibiotics.

Dosage
SENTINEL® FLAVOR TABS are given orally, once a month, at the recommended minimum dosage. Dogs over 100 lbs are provided the appropriate combination of tablets. See the full package insert for dosage recommendations. http://www.sentinelvet.com

SENTINEL® SPECTRUM must be administered monthly, preferably on the same date each month. Treatment with SENTINEL® SPECTRUM may begin at any time of year. In geographic areas where mosquitoes and fleas are seasonal, the treatment schedule should begin one month prior to the expected onset and should continue until the end of "mosquito and flea season." In areas with year-round infestations, treatment should continue throughout the entire year without interruption.

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Talk to your veterinarian about the power of lufenuron inside SENTINEL® Brand Products. Visit www.sentinelpets.com to learn more.