CAUTION: US Federal law restricts this drug to use by or on the order of a licensed veterinarian.

DESCRIPTION: Revolution (selamectin) Topical Parasiticide for Dogs and Cats

For the prevention and control of flea infestations, Revolution should be administered at monthly intervals throughout the flea season, starting one month before fleas become active. In controlled laboratory studies >98% of fleas were killed within 30 hours. Results of clinical field studies using Revolution monthly demonstrated >90% control of flea infestations within 30 days of the first dose. Dogs and cats treated with Revolution, including those with pre-existing flea allergy dermatitis, showed improvement in clinical signs associated with fleas as a direct result of eliminating the fleas from the animals and their environment.

For the prevention of heartworm disease, Revolution must be administered on a monthly basis. Revolution may be administered year-round or at least within one month after the animal’s first exposure to mosquitoes and monthly thereafter until the end of the mosquito season. The final dose must be given within one month after the last exposure. When assessing the clinical signs of a heartworm infection, a positive diagnostic test is not considered to confirm the diagnosis. If a heartworm infection is confirmed, immediate administration of Revolution and resumption of monthly dosing will minimize the opportunity for the development of adult heartworms. When replacing another heartworm preventive program, the first dose of Revolution must be given within a month of the last dose of the former medication.

Selamectin, the active ingredient in Revolution, is a macrocyclic lactone compound. These compounds effectively prevent the development of adult heartworms when administered to dogs and cats within one month of exposure to infective stages of the canine heartworm, Dirofilaria immitis, and the treatment and control of ear mite (Otodectes cynotis) infestations. Revolution is also indicated for the treatment and control of roundworm (Toxascara cati) and intestinal hookworm (Angolystoma tubaeforme) infections in cats.

WARNINGS: Do not use in sick, debilitated or underweight animals (see SAFETY).

PRECAUTIONS: Prior to administration of Revolution, dogs should be tested for existing heartworm infections. At the discretion of the veterinarian, infected dogs should be treated to remove adult heartworms. Revolution is not effective against adult D. immitis and, while the number of circulating microfilariae may decrease following treatment, the pruritus associated with the mite infestations was observed in approximately 50% of the dogs 30 days after treatment. The kitten displayed clinical signs which included salivation, ataxia, fever, and rare reports of death. There have also been rare reports of seizures in dogs (see WARNINGS).

ADVERSE REACTIONS: For the prevention of heartworm disease caused by Dirofilaria immitis and, while the number of circulating microfilariae may decrease following treatment, there have been reports of pruritus, urticaria, erythema, ataxia, fever, and rare reports of death. There have also been rare reports of seizures in dogs (see WARNINGS).