

Common Monthly Parasite Preventatives

Product	Type	Heartworms	Hookworms	Roundworms	Whipworms	Tapeworms	Fleas	Ticks	Mange	Earliest age	Active ingredient(s)	Safe for breeding dogs?
Advantage Multi	Topical	☒	☒	☒	☒		☒		☒	7 weeks (≥ 3 lbs)	Imidacloprid + Moxidectin***	Not evaluated in pregnant or lactating dogs
Bravecto	Chewable or topical		☒	☒			☒	☒		6 months (≥ 4.4 lbs)	Fluralaner (Isoxazoline class*)	Approved for use in breeding, pregnant and lactating dogs
Comfortis	Chewable						☒			14 weeks	Spinosad**	Use with caution in breeding bitches. Safety not evaluated in breeding males
Credelio	Chewable						☒	☒		8 weeks (≥ 4.4 lbs)	Lotilaner (Isoxazoline class*)	Not evaluated
Frontline Plus	Topical						☒	☒	☒	8 weeks	Fipronil + (s)-Methoprene	Can be used on breeding, pregnant, and lactating bitches
Heartgard	Chewable	☒	☒							6 weeks	Ivermectin***	Shown a wide margin of safety in pregnant or breeding dogs, and stud dogs
Heartgard Plus	Chewable	☒	☒	☒						6 weeks	Ivermectin***	Shown a wide margin of safety in pregnant or breeding dogs, and stud dogs

Interceptor	Chewable	☒	☒	☒						6 weeks	Ivermectin*** + pyrantel	Tested safely in pregnant females and breeding males and females
Interceptor Plus	Chewable	☒	☒	☒	☒	☒				6 weeks (≥ 2 lbs)	Milbemycin Oxime*** + Praziquantel	Not evaluated in pregnant or lactating dogs
Iverhart Max	Chewable	☒	☒	☒		☒				8 weeks	Ivermectin*** + Pyrantel Pamoate + Praziquantel	Not evaluated in pregnant or lactating dogs
Iverhart Plus	Chewable	☒	☒	☒						6 weeks	Ivermectin + Pyrantel	Shown a wide margin of safety in pregnant or breeding dogs, and stud dogs
Nexgard	Chewable						☒	☒		8 weeks (4 lbs)	Afoxolaner (Isoxazoline class*)	Not evaluated
Sentinel Flavor Tabs	Chewable	☒	☒	☒	☒		☒			4 weeks (≥ 2 lbs)	Milbemycin Oxime*** + Lufenuron	Shown a wide margin of safety in pregnant or breeding dogs, and stud dogs
Sentinel Spectrum	Chewable	☒	☒	☒	☒	☒	☒			6 weeks	Milbemycin Oxime + Lufenuron + Praziquantel	Not evaluated
Seresto collar							☒	☒		7 weeks	Imidacloprid + Flumethrin	Consult vet
Simparica trio	Chewable	☒	☒	☒			☒	☒		8 weeks (≥ 2.8 lbs)	Sarolaner (Isoxazoline class*)	Not evaluated
Trifexis	Chewable	☒	☒	☒	☒		☒			8 weeks (≥ 5 lbs)	Spinosad** + Milbemycin Oxime***	Not evaluated

Isoxazoline class: Associated with neurologic adverse reactions including tremors, ataxia, and seizures in dogs with or without a history [1]

****Spinosads:** Use with caution in dogs with pre-existing epilepsy [2]

*******Resistance has been shown in heartworms to macrocyclic lactones (ivermectin drugs including ivermectin; and selamectin and milbemycin drugs, including milbemycin oxime. Moxidectin has shown resistance when injected; however, no resistance has been seen yet in topical moxidectin products per industry researchers [3,4]

[1] <https://www.fda.gov/animal-veterinary/animal-health-literacy/fact-sheet-pet-owners-and-veterinarians-about-potential-adverse->

[2] <https://veterinarypartner.vin.com/default.aspx?pid=19239&id=4952759>

[3] <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3215458/>

[4] <https://news.vin.com/default.aspx?pid=210&Id=5916083&useobjectypeid=10&fromVINNEWSASPX=1>