

# Commonly used EPA-Registered Canine Spot-on Flea and Tick Control Products

External parasites pose a threat to your patients year round, so clients deserve your very best advice when developing a strategy for controlling infestations. This chart represents the most commonly used EPA-registered canine topical spot-on agents as of May 1, 2010. All products are applied monthly unless otherwise indicated. Please refer to individual product labels and package information for more details on target parasites, contraindications, and safety information. Products listed here are not for use on cats.

PRODUCT	ADULT FLEAS	FLEA EGGS	FLEA LARVAE	FLEA PUPPAE	* MOSQUITOES	* TICKS	* FLEAS	* MITES	MINIMUM AGE/WEIGHT	ACTIVE INGREDIENT	CHEMICAL CLASSSES	MANUFACTURER	EPA REGISTRATION NUMBERS
Adams™ Spot On® Flea & Tick Control for Dogs	✓	✓	✓	✓		✓	✓	✓	6 months	Permethrin (45%), (S)-Methoprene (3%)	Pyrethroid (Permethrin), IGR (S)-Methoprene	Farnam Companies, Inc.	2724-497-270
Advantage® Topical Solutions for Dogs and Puppies	✓	✓	✓	✓		✓	✓	✓	7 weeks	Imidacloprid (9.1%)	Neonicotinoid	Bayer Animal Health LLC	11556-117, 11556-119, 11556-120, 11556-122
Bansect® Squeeze-On Flea & Tick Control for Dogs	✓	✓	✓	✓		✓	✓	✓	6 months	Permethrin (45%)	Pyrethroid	Sergeant's Pet Care Products, Inc.	69332-1-2517
Bio Spot® Spot On® Flea & Tick Control for Dogs	✓	✓	✓	✓		✓	✓	✓	6 months	Permethrin (45%), (S)-Methoprene (3%)	Pyrethroid (Permethrin), IGR (S)-Methoprene	Farnam Companies, Inc.	2724-497-270
Bio Spot® Spot On® Flea & Tick Control for Puppies	✓	✓	✓	✓		✓	✓	✓	6 months	Permethrin (45%), (S)-Methoprene (3%)	Pyrethroid (Permethrin), IGR (S)-Methoprene	Farnam Companies, Inc.	2724-497-270
First Shield™ Trio	✓	✓	✓	✓	✓	✓	✓	✓	7 weeks/ (2.5 lb)	Dinotefuran (4.95%), Pyriproxyfen (0.44%), Permethrin (36.08%)	Neonicotinoid (Dinotefuran), IGR (Pyriproxyfen), Pyrethroid (Permethrin)	Schuyler, LLC	83399-6-85581
Frontline® Plus for Dogs and Puppies	✓	✓	✓	✓		✓	✓	✓	8 weeks	Fipronil (9.8%), (S)-Methoprene (8.8%)	Phenylpyrazole (Fipronil), IGR (S)-Methoprene	Merial Ltd.	65331-5
Frontline® Top Spot® for Dogs and Puppies	✓	✓	✓	✓		✓	✓	✓	8 weeks	Fipronil (9.7%)	Phenylpyrazole	Merial Ltd.	65331-3
Happy Jack® Kennelspot™ for Dogs	✓	✓	✓	✓		✓	✓	✓	6 months	Permethrin (45%)	Pyrethroid	Happy Jack, Inc.	69332-1-2781
Hartz® InControl™ Flea & Tick Drops for Dogs	✓	✓	✓	✓		✓	✓	✓	12 weeks/ (4 lb)	Phenothrin (85.7%), (S)-Methoprene (2.3%)	Pyrethroid (Phenothrin), IGR (S)-Methoprene	The Hartz Mountain Corporation	2596-150
Hartz® InControl Advanced™ Flea & Tick Drops for Dogs	✓	✓	✓	✓		✓	✓	✓	12 weeks/ (4 lb)	Phenothrin (85.7%), (S)-Methoprene (2.3%)	Pyrethroid (Phenothrin), IGR (S)-Methoprene	The Hartz Mountain Corporation	2596-150
Hartz® UltraGuard™ Flea & Tick Drops for Dogs and Puppies	✓	✓	✓	✓		✓	✓	✓	12 weeks/ (4 lb)	Phenothrin (85.7%)	Pyrethroid	The Hartz Mountain Corporation	2596-151
Hartz® UltraGuard Plus™ Flea & Tick Drops for Dogs and Puppies	✓	✓	✓	✓		✓	✓	✓	12 weeks/ (4 lb)	Phenothrin (85.7%), (S)-Methoprene (2.3%)	Pyrethroid (Phenothrin), IGR (S)-Methoprene	The Hartz Mountain Corporation	2596-150
Hartz® UltraGuard Pro™ Flea & Tick Drops for Dogs and Puppies	✓	✓	✓	✓		✓	✓	✓	12 weeks/ (4 lb)	Phenothrin (85.7%), (S)-Methoprene (2.3%)	Pyrethroid (Phenothrin), IGR (S)-Methoprene	The Hartz Mountain Corporation	2596-150
K9 Advantix®	✓	✓	✓	✓	✓	✓	✓	✓	7 weeks	Imidacloprid (8.8%), Permethrin (44.0%)	Neonicotinoid (Imidacloprid), Pyrethroid (Permethrin)	Bayer Animal Health LLC	11556-132, 11556-133, 11556-134, 11556-135
OmniTrol Spot-On for Dogs Plus IGR	✓	✓	✓	✓		✓	✓	✓	12 weeks	Permethrin (50%), Pyriproxyfen (1.20%)	Pyrethroid (Permethrin), IGR (Pyriproxyfen)	Verdo, Inc.	75844-8-81021 75844-8-44084
ProMeris™ for Dogs	✓	✓	✓	✓		✓	✓	✓	8 weeks	Metaflumizone (14.34%), Amitraz (14.34%)	Semicarbazone (Metaflumizone), Formamide (Amitraz)	Fort Dodge Animal Health	80490-2
Proticall® Insecticide for Dogs	✓	✓	✓	✓		✓	✓	✓	4 weeks	Permethrin (65%)	Pyrethroid	Schering-Plough Animal Health	773-73
Sentry Value® Squeeze-On Flea & Tick Control for Dogs	✓	✓	✓	✓		✓	✓	✓	6 months	Permethrin (45%)	Pyrethroid	Sergeant's Pet Care Products, Inc.	69332-1-2517
SentryPro™ Squeeze-On Flea & Tick Control for Dogs	✓	✓	✓	✓		✓	✓	✓	12 weeks	Permethrin (45%), Pyriproxyfen (1.9%)	Pyrethroid (Permethrin), IGR (Pyriproxyfen)	Sergeant's Pet Care Products, Inc.	2517-87
SentryPro XFC™ Flea & Tick Control for Dogs	✓	✓	✓	✓		✓	✓	✓	12 weeks/ (9 lb)	Cyphenothrin (40%), Pyriproxyfen (2%)	Pyrethroid (Cyphenothrin), IGR (Pyriproxyfen)	Sergeant's Pet Care Products, Inc.	2517-80
Sergeant's® Gold® Flea & Tick Squeeze-On for Dogs	✓	✓	✓	✓		✓	✓	✓	12 weeks/ (9 lb)	Cyphenothrin (40%), Pyriproxyfen (2%)	Pyrethroid (Cyphenothrin), IGR (Pyriproxyfen)	Sergeant's Pet Care Products, Inc.	2517-80
Sergeant's® Squeeze-On for Dogs and Puppies	✓	✓	✓	✓		✓	✓	✓	12 weeks	Permethrin (45%), Pyriproxyfen (1.9%)	Pyrethroid (Permethrin), IGR (Pyriproxyfen)	Sergeant's Pet Care Products, Inc.	2517-94 2517-87
Sergeant's® Silver® Flea & Tick Squeeze-On for Dogs	✓	✓	✓	✓		✓	✓	✓	12 weeks/ (9 lb)	Cyphenothrin (40%)	Pyrethroid	Sergeant's Pet Care Products, Inc.	2517-85
TriForce™ Canine Squeeze-On	✓	✓	✓	✓		✓	✓	✓	12 weeks/ (9 lb)	Cyphenothrin (40%), Pyriproxyfen (2%)	Pyrethroid (Cyphenothrin), IGR (Pyriproxyfen)	Tradewinds, Inc.	2517-80-83333
Vectra 3D™	✓	✓	✓	✓	✓	✓	✓	✓	7 weeks/ (2.5 lb)	Dinotefuran (4.95%), Pyriproxyfen (0.44%), Permethrin (36.08%)	Neonicotinoid (Dinotefuran), IGR (Pyriproxyfen), Pyrethroid (Permethrin)	Summit VetPharm	83399-6
Vectra for Dogs and Puppies™	✓	✓	✓	✓		✓	✓	✓	8 weeks/ (2.5 lb)	Dinotefuran (22%), Pyriproxyfen (3%)	Neonicotinoid (Dinotefuran), IGR (Pyriproxyfen)	Summit VetPharm	83399-10
Zodiac® Spot On Flea & Tick Control	✓	✓	✓	✓		✓	✓	✓	6 months	Permethrin (45%), (S)-Methoprene (3%)	Pyrethroid (Permethrin), IGR (S)-Methoprene	Wellmark International	2724-497



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\* Refer to product label for specific tick, mosquito, fly, and mite species affected. † Indicates that the product repels the selected parasite. ‡ Aids in the control of sarcoptic mange mites. \*\* Kills and controls *Demodex* spp mites. Supported by an unrestricted educational grant from The Hartz Mountain Corp. To order additional copies of this poster, contact Hartz at Vetconnection@Hartz.com. The trademarks and trade names listed above are the property of their respective owners. This poster is an independent publication and has not been authorized, sponsored, or otherwise approved by any of the companies who own the products listed.