

Client Flea/Tick Chart for Dogs

May 18, 2016 (published) | January 7, 2019 (revised)

Kathy Tater, DVM, DACVD, MPH   ; Sharon Gwaltney-Brant, DVM, PhD, DABVT, DABT   ; Mark Grossman, DVM, MS   ; Phyllis DeGioia  

Dogs: Flea and Tick Products			
Oral/Systemic Products			
	NAME (COMPANY)		
1	Advantus (Bayer)	ACTIVE INGREDIENT	Imidacloprid
		TYPE	Chewable tablet
		PET, MINIMUM AGE	Dogs (10 weeks and over 4 pounds and over)
		FREQUENCY	As needed; do not dose more than once daily
		EFFECTS	Kills fleas
		COMMENTS	Fleas in environment may re-infest dog so more than one treatment may be needed.
	NAME (COMPANY)		
2	Bravecto (Intervet)	ACTIVE INGREDIENT	Fluralaner
		TYPE	Chewable tablet
		PET, MINIMUM AGE	Dogs only (6 months and over 4.4 pounds)
		FREQUENCY	Lone star ticks: 8 weeks; fleas, other ticks: 12 weeks
		EFFECTS	Fleas: 98% kill within 12 hours, 100% kill within 48 hours; Lone star tick: 99% kill within 72 hours; Black-legged (deer) tick, American dog tick, brown dog tick: 100% kill within 48 hours.
		COMMENTS	
	NAME (COMPANY)		



3	Capaction (Elanco)	ACTIVE INGREDIENT	Nitenpyram
	FleaCaps (Elanco)	TYPE	Tablet
		PET, MINIMUM AGE	Dogs (4 weeks and over 2 pounds and over)
		FREQUENCY	As needed; do not dose more than once daily
		EFFECTS	Kills fleas: begins working within 30 minutes with > 90% effectiveness against adult fleas on dogs within 4 hours and cats within 6 hours.
		COMMENTS	Dogs may start scratching themselves as fleas begin to die; some dogs may experience transient signs of hyperactivity, panting, vocalization and excessive grooming/licking; this behavior is temporary and is a reaction to the fleas, not the drug. Fleas in environment may re-infest dog so more than one treatment may be needed.
	NAME (COMPANY)		
4	CapGuard (Sergeant's)	ACTIVE INGREDIENT	Nitenpyram
		TYPE	Tablet
		PET, MINIMUM AGE	Dogs (4 weeks and over 2 pounds and over)
		FREQUENCY	As needed; do not dose more than once daily
		EFFECTS	Kills fleas
		COMMENTS	Fleas in environment may re-infest dog so more than one treatment may be needed.
	NAME (COMPANY)		
5	Capstar (Elanco)	ACTIVE INGREDIENT	Nitenpyram
		TYPE	Tablet
		PET, MINIMUM AGE	Dogs (4 weeks and over 2 pounds) Dogs and puppies (4 weeks and over 2 pounds)
		FREQUENCY	As needed, up to once per day
		EFFECTS	Fleas: begins to kill fleas within 30 minutes; >90% kill within 4 hours

		COMMENTS	Occasionally, dog or cat will start scratching itself as fleas begin to die. The scratching behavior is temporary and is a reaction to the fleas, not the drug. In cats and dogs, this may appear as temporary signs of hyperactivity, panting, vocalization and excessive grooming/licking. May be used together with other products, including heartworm preventives, corticosteroids, antibiotics, vaccines, deworming medications, shampoos and other flea products
	NAME (COMPANY)		
6	Comfortis (Elanco)/ Acugard (VCA)	ACTIVE INGREDIENT	Spinosad
		TYPE	Chewable tablet
		PET, MINIMUM AGE	Dogs (14 weeks and over 3.3 pounds) Cats (14 weeks and over 2 pounds)
		FREQUENCY	Monthly
		EFFECTS	Fleas: begins to kill fleas within 30 minutes: 98% effectiveness within 4 hours; 100% effectiveness on first day of application
		COMMENTS	Administer with food for maximum effectiveness. If vomiting occurs within one hour of administration, redose with another full dose.
	NAME (COMPANY)		
7	Credelio	ACTIVE INGREDIENT	Lotilaner
		TYPE	Chewable tablet
		PET, MINIMUM AGE	Dogs & puppies 8 weeks and older 4.4 pounds and over
		FREQUENCY	Monthly
		EFFECTS	Fleas: begins to kill fleas within 4 hours; 100% effectiveness in 4 hours; Ticks: begins to kill withn 4 hours: lone star tick, American dog tick, black-legged tick, brown dog tick
		COMMENTS	The safe use of Credelio in breeding, pregnant, or lactating dogs has not been evaluated. Use with caution in dogs with a history of seizures. The most frequently reported adverse reactions are weight loss, elevated blood urea nitrogen, excessive urination, and diarrhea
	NAME (COMPANY)		
8	Nexgard (Merial)	ACTIVE INGREDIENT	Afoxolaner
		TYPE	Chewable tablet

		PET, MINIMUM AGE	Dogs (8 weeks and over 4 pounds)
		FREQUENCY	Monthly
		EFFECTS	Kills fleas; black-legged (deer) tick, American dog tick, lone star tick, brown dog tick
		COMMENTS	The safe use in breeding, pregnant or lactating dogs has not been evaluated. Use with caution in dogs with a history of seizures
	NAME (COMPANY)		
9	Program (Elanco)	ACTIVE INGREDIENT	Lufenuron
		TYPE	Oral suspension, Chewable tablet
		PET, MINIMUM AGE	Dogs (over 4 weeks) Cats (over 6 weeks)
		FREQUENCY	Monthly
		EFFECTS	Breaks flea life cycle
		COMMENTS	Does not kill adult fleas; breaks the flea life cycle at the egg stage to prevent eggs from developing into adults. Pre-existing immature fleas in the environment may continue to develop and emerge after treatment. Concurrent use of adulticidal insecticides may be used to control adult fleas. Administer with food
	NAME (COMPANY)		
10	Sentinel (Virbac)	ACTIVE INGREDIENT	Lufenuron, Milbemycin
		TYPE	Chewable tablet
		PET, MINIMUM AGE	Dogs (over 4 weeks and over 2 pounds)
		FREQUENCY	Monthly
		EFFECTS	Fleas; prevention of heartworm disease; control of hookworms, roundworms and whipworms
		COMMENTS	Does not kill adult fleas; breaks the flea life cycle at the egg stage to prevent eggs from developing into adults. Pre-existing immature fleas in the environment may continue to develop and emerge after treatment. Concurrent use of adulticidal insecticides may be used to control adult fleas.
	NAME (COMPANY)		
11	Sentinel Spectrum (Virbac)	ACTIVE INGREDIENT	Lufenuron, Milbemycin, Praziquantel

		TYPE	Chewable tablet
		PET, MINIMUM AGE	Dogs (over 6 weeks and over 2 pounds)
		FREQUENCY	Monthly
		EFFECTS	Fleas; prevention of heartworm disease; control of hookworms, roundworms, whipworms, and tapeworms.
		COMMENTS	Does not kill adult fleas; breaks the flea life cycle at the egg stage to prevent eggs from developing into adults. Pre-existing immature fleas in the environment may continue to develop and emerge after treatment. Concurrent use of adulticidal insecticides may be used to control adult fleas.
	NAME (COMPANY)		
12	Simparica (Zoetis)	ACTIVE INGREDIENT	Sarolaner
		TYPE	Chewable tablet
		PET, MINIMUM AGE	Dogs (over 6 months and over 2.8 pounds)
		FREQUENCY	Monthly
		EFFECTS	Fleas: 100% kill by 24 hours. Lone star tick, Gulf coast tick, American dog tick, brown dog tick: 100% kill by 48 hours
		COMMENTS	May cause abnormal neurologic signs such as tremors, decreased conscious proprioception, ataxia, decreased or absent menace, and/or seizures. The safe use has not been evaluated in breeding, pregnant, or lactating dogs.
	NAME (COMPANY)		
13	Trifexis (Elanco)	ACTIVE INGREDIENT	Spinosad, Milbemycin
		TYPE	Chewable tablet
		PET, MINIMUM AGE	Dogs (over 8 weeks and over 5 pounds)
		FREQUENCY	Monthly
		EFFECTS	Fleas: 100% kill within 24 hours. Prevention of heartworm disease: 100% effective when administered for 3 consecutive monthly doses. Greater than 90% effective in removing adult hookworms, roundworms and whipworms.
		COMMENTS	Puppies less than 14 weeks of age may experience vomiting. Administer with food
Topical Products			

	NAME (COMPANY)		
14	Activyl Tick PLUS (Merck)	ACTIVE INGREDIENT	Indoxacarb, Permethrin
		TYPE	Spot-on
		PET, MINIMUM AGE	Dogs (over 8 weeks and over 4 pounds)
		FREQUENCY	30 days
		EFFECTS	Fleas and ticks
		COMMENTS	Waterproof. Consult a veterinarian before using this product on debilitated, aged, and medicated animals. Do not use on pregnant or nursing animals. Harmful or fatal if used on cats.
	NAME (COMPANY)		
15	Advantage(Bayer)	ACTIVE INGREDIENT	Imidacloprid
		TYPE	Spot-on
		PET, MINIMUM AGE	Dogs (over 7 weeks) Cats (over 8 weeks)
		FREQUENCY	Monthly; In case of severe flea infestation, retreatment may be necessary earlier than 4 weeks. Do not retreat more often than once every 7 days.
		EFFECTS	Kills fleas
		COMMENTS	Waterproof. Consult your veterinarian before using this product on debilitated, aged, pregnant or nursing animals or animals on medications
	NAME (COMPANY)		
16	Advantage II (Bayer)	ACTIVE INGREDIENT	Imidacloprid, Pyriproxyfen
		TYPE	Spot-on
		PET, MINIMUM AGE	Dogs (over 7 weeks, over 3 pounds) Cats (over 8 weeks, over 2 pounds)
		FREQUENCY	Monthly; In case of severe flea infestation, retreatment may be necessary earlier than 4 weeks. Do not retreat more often than once every 7 days.
		EFFECTS	Kills fleas within 12 hours and reinfesting fleas within 2 hours; Larval stages in environment are killed upon contact with treated pet; kills lice

		COMMENTS	Waterproof. Consult your veterinarian before using this product on debilitated, aged, pregnant or nursing animals or animals on medications
	NAME (COMPANY)		
17	Advantage Multi (Bayer)	ACTIVE INGREDIENT	Imidacloprid, Moxidectin
		TYPE	Spot-on
		PET, MINIMUM AGE	Dogs (over 7 weeks and over 3 pounds), Cats (over 9 weeks and over 2 pounds), Ferrets (cat product only, for ferrets over 2 pounds)
		FREQUENCY	Monthly
		EFFECTS	Kills fleas within 12 hours and reinfesting fleas within 2 hours. Larval stages in environment are killed upon contact with treated pet. Also prevents heartworm disease and controls internal parasites (hookworms, roundworms, whipworms).
		COMMENTS	Do not allow pet to lick application site; ingestion may result in serious adverse reactions. Shampooing or water immersion 4 days after application does not reduce flea control effectiveness, but shampooing as often as once weekly may reduce flea control effectiveness.
	NAME (COMPANY)		
18	Bravecto (Merck)	ACTIVE INGREDIENT	Fluralaner
		TYPE	Spot-on
		PET, MINIMUM AGE	Dogs and puppies (6 months and over 4.4 pounds)
		FREQUENCY	Every 12 weeks, every 8 weeks for <i>Amblyomma americana</i> ticks
		EFFECTS	Kills fleas; kills American dog ticks, deer (black-legged) ticks, brown dog ticks, lone star ticks
		COMMENTS	Waterproof. For topical use only. Avoid oral ingestion. Use caution in dogs with a history of seizures. Seizures have been reported in dogs receiving fluralaner, even in dogs without a history of seizures.
	NAME (COMPANY)		
19	Certifect (Merial)	ACTIVE INGREDIENT	Fipronil, Methoprene, Amitraz
		TYPE	Spot-on

PET, MINIMUM AGE	Dogs (over 8 weeks, over 5 pounds)
FREQUENCY	Monthly (ticks); 90 days (fleas)
EFFECTS	Kills fleas (adults, eggs, larvae), prevents flea stages from developing; kills deer (black legged) ticks, Gulf coast ticks, brown dog ticks, American dog ticks, lone star ticks, yellow dog ticks, European dog tick, wood ticks, paralysis ticks; detaches embedded ticks; starts killing ticks within 6 hours; aids in control of sarcoptic mange infestations; eliminates chewing lice infestations
COMMENTS	Waterproof; DO NOT USE ON CATS; Can be used on breeding, pregnant and lactating bitches; Consult a veterinarian before using on dogs that are medicated, debilitated, aged or obese.

	NAME (COMPANY)		
20	Combiva II (CEVA)	ACTIVE INGREDIENT	Imidacloprid, Pyriproxyfen
		TYPE	Spot-on
		PET, MINIMUM AGE	Dogs (7 weeks and over 3 pounds and over) Cats (8 weeks and over 2 pounds and over)
		FREQUENCY	Monthly
		EFFECTS	Kills fleas
		COMMENTS	Waterproof. Consult your veterinarian before using this product on debilitated, aged, pregnant or nursing animals or animals on medications.
		NAME (COMPANY)	

21	Cross Block (MWI)	ACTIVE INGREDIENT	Imidacloprid, Pyriproxyfen
		TYPE	Spot-on
		PET, MINIMUM AGE	Dogs (9 weeks and over 3 pounds and over) Cats (8 weeks and over 2 pounds and over)
		FREQUENCY	Monthly
		EFFECTS	Kills fleas

		COMMENTS	Waterproof. Consult your veterinarian before using this product on debilitated, aged, pregnant or nursing animals or animals on medications. Do not use on cats.
	NAME (COMPANY)		
22	Effipro Plus (Virbac)	ACTIVE INGREDIENT	Fipronil, pyriproxyfen
		TYPE	Spot-on
		PET, MINIMUM AGE	Dogs (8 weeks and over 5 pounds and over) Cats (8 weeks and over 1.5 pounds and over)
		FREQUENCY	Monthly
		EFFECTS	Fleas: controls for up to 6 weeks. Brown dog ticks, American dog ticks, lone star ticks, deer (black-legged) ticks: kills for a month or longer. Eliminates chewing lice.
		COMMENTS	Waterproof. DO NOT USE ON CATS.
		NAME (COMPANY)	
23	Effitix (Virbac)	ACTIVE INGREDIENT	Fipronil, Permethrin
		TYPE	Spot-on
		PET, MINIMUM AGE	Dogs (over 12 weeks, over 5 pounds)
		FREQUENCY	Monthly
		EFFECTS	Fleas: kills newly emerged adult fleas prior to egg laying; starts killing within 6 hours, lasts up to 3 months. Kills and repels all stages of brown dog ticks, American dog ticks, lone star ticks, deer (black-legged) ticks for at least one month. Kills and repels mosquitoes for up to 1 month. Repels and prevents blood-feeding by biting flies for up to 4 weeks. Kills lice for up to one month. Aids in control of sarcoptic mites.
		COMMENTS	Waterproof. DO NOT USE ON CATS. Consult a veterinarian before using on medicated, debilitated, aged, pregnant or nursing dogs, or animals known to be sensitive to pesticide products.
	NAME (COMPANY)		
24	Frontline Gold (Merial)	ACTIVE INGREDIENT	Fipronil, (S)-methoprene, pyriproxyfen
		TYPE	Spot-on

PET, MINIMUM AGE	Dogs (8 weeks and over 5 pounds and over) Cats (8 weeks and over 3 pounds and over)
FREQUENCY	Monthly
EFFECTS	Kills fleas; kills deer (black-legged) ticks, brown ticks, lone star ticks and American dog tick and chewing lice.
COMMENTS	Waterproof. DO NOT USE ON CATS, RABBITS OR OTHER ANIMALS. Keep cats away from treated dogs for 24 hours. For old, debilitated and pets on other medications, consult a veterinarian. Do not allow dogs to ingest product. Suitable for nursing, breeding and pregnant dogs and cats. Waterproof after application.

	NAME (COMPANY)		
--	-------------------	--	--

25	Frontline Plus (Merial)	ACTIVE INGREDIENT	Fipronil, Methoprene
		TYPE	Spot-on
		PET, MINIMUM AGE	Dogs (over 6 weeks) Cats (over 8 weeks)
		FREQUENCY	Monthly (ticks, mosquitoes, flies, lice); 6 weeks (fleas)
		EFFECTS	Fleas: kills adults, larvae, eggs for up to 90 days; prevents all stages from maturing. Kills deer (black-legged) ticks (which may carry Lyme disease), brown dog ticks, American dog ticks, and lone star ticks. Eliminates chewing lice. Aids in control of sarcoptic mites.
		COMMENTS	Waterproof. Can be used on breeding, pregnant and lactating bitches.

	NAME (COMPANY)		
--	-------------------	--	--

26	Frontline Tritak for Dogs (Merial)	ACTIVE INGREDIENT	Fipronil, Cyphenothrin, Methoprene
		TYPE	Spot-on
		PET, MINIMUM AGE	Dogs (over 12 weeks, over 4 pounds)
		FREQUENCY	30 days
		EFFECTS	Starts killing fleas and ticks within 5 minutes. Fleas: kills all stages. Kills chewing lice. Controls sarcoptic mites.

		COMMENTS	Waterproof. DO NOT USE ON CATS. Consult a veterinarian before using on medicated, debilitated, aged, pregnant or nursing dogs. Consult a veterinarian before using on dogs with known organ dysfunction.
	NAME (COMPANY)		
27	K9 Advantix (Bayer)	ACTIVE INGREDIENT	Imidacloprid, Permethrin
		TYPE	Spot-on
		PET, MINIMUM AGE	Dogs (over 7 weeks, over 4 pounds)
		FREQUENCY	Monthly
		EFFECTS	Kills fleas within 12 hours. Repels and kills deer (black-legged) ticks, American dog ticks, brown dog ticks and Lone star ticks. Repels and kills mosquitoes. Repels and prevents blood-feeding by biting flies. Kills lice.
		COMMENTS	Waterproof. Consult your veterinarian before using this product on debilitated, aged, pregnant or nursing animals or animals on medications. Harmful or fatal if applied to cats or if cats groom recently treated dogs.
	NAME (COMPANY)		
28	K9 Advantix II (Bayer)	ACTIVE INGREDIENT	Imidacloprid, Permethrin, Pyriproxyfen
		TYPE	Spot-on
		PET, MINIMUM AGE	Dogs (over 7 weeks, over 4 pounds)
		FREQUENCY	Monthly
		EFFECTS	Kills fleas within 12 hours. Repels and kills deer (black-legged) ticks, American dog ticks, brown dog ticks and Lone star ticks. Repels and kills mosquitoes. Repels and prevents blood-feeding by biting flies. Kills lice.
		COMMENTS	Waterproof. Consult your veterinarian before using this product on debilitated, aged, pregnant or nursing animals or animals on medications. Harmful or fatal if applied to cats or if cats groom recently treated dogs.
	NAME (COMPANY)		
29	Para Defense Advanced (CAP IM Supply)	ACTIVE INGREDIENT	Imidacloprid, Permethrin, Pyriproxyfen
		TYPE	Spot-on

		PET, MINIMUM AGE	Dogs (7 weeks and over 5 pounds and over)
		FREQUENCY	Monthly; in cases of severe flea infestation retreatment may be necessary earlier than four weeks. Do not retreat more often than once every fourteen (14) days for puppies or once every seven (7) days for small and large dogs. After flea control is attained return to a monthly retreatment schedule.
		EFFECTS	Kills fleas within 12 hours; repels and kills deer (black-legged) ticks, American dog ticks, brown dog ticks and lone star ticks; kills lice; repels mosquitoes and biting flies.
		COMMENTS	Waterproof. HARMFUL OR FATAL IF APPLIED TO CATS OR IF CATS GROOM RECENTLY TREATED DOGS. Keep cats away from dogs for 24 hours after treatment. If applied to or ingested by a cat, contact a veterinarian immediately.
	NAME (COMPANY)		
30	Parastar (Novartis)	ACTIVE INGREDIENT	Fipronil
		TYPE	Spot-on
		PET, MINIMUM AGE	Dogs (over 8 weeks, over 4 pounds)
		FREQUENCY	Monthly
		EFFECTS	Kills fleas for up to 3 months. Kills deer (black-legged) ticks, brown dog ticks, American dog ticks, and lone star ticks for up to one month. Kills chewing lice for up to one month. Controls sarcoptic mites.
		COMMENTS	Waterproof. Can be used on breeding, pregnant, or lactating dogs. Consult a veterinarian before using this product on debilitated, aged, or medicated dogs or on dogs with known organ dysfunction.
	NAME (COMPANY)		
31	Parastar PLUS (Novartis)	ACTIVE INGREDIENT	Fipronil, Cyphenothrin
		TYPE	Spot-on
		PET, MINIMUM AGE	Dogs (over 12 weeks, over 4 pounds)
		FREQUENCY	4 weeks

		EFFECTS	Starts killing within 1 hour. Kills fleas for up to 3 months. Kills deer (black-legged) ticks, brown dog ticks, American dog ticks, and lone star ticks for up to one month. Kills chewing lice for up to one month. Controls sarcoptic mites.
		COMMENTS	Waterproof. Consult a veterinarian before using this product on debilitated, aged, medicated, pregnant, or nursing dogs or on dogs with known organ dysfunction. Harmful or fatal if applied to cats or if cats groom recently treated dogs.
	NAME (COMPANY)		
32	Preventic (Virbac)	ACTIVE INGREDIENT	Amitraz
		TYPE	Collar
		PET, MINIMUM AGE	Dogs (over 12 weeks)
		FREQUENCY	90 days
		EFFECTS	Kills and detaches ticks; 92% effective within 24 hours; 100% effective within 48 hours
		COMMENTS	Water resistant. Does not kill fleas. Consult a veterinarian before using on debilitated, aged, medicated, pregnant or nursing animals. Do not apply to cats. Do not allow dogs to ingest collar or parts of collar; contact veterinarian immediately if ingestion of collar is suspected.
	NAME (COMPANY)		
33	Provecta Advanced (CAP IM Supply)	ACTIVE INGREDIENT	Imidacloprid. Permethrin. Pyriproxyfen
		TYPE	Spot-on
		PET, MINIMUM AGE	Cats (7 weeks and over 4 pounds and over)
		FREQUENCY	Monthly; in cases of severe flea infestation, contact your veterinarian for advice on more frequent retreatment.
		EFFECTS	Kills fleas; kills deer (black-legged) ticks, American dog ticks, brown dog ticks and lone star ticks; kills lice; repels mosquitoes and biting flies.
		COMMENTS	Waterproof. HARMFUL OR FATAL IF APPLIED TO CATS OR IF CATS GROOM RECENTLY TREATED DOGS. Keep cats away from dogs for 24 hours after treatment. If applied to or ingested by a cat, contact a veterinarian immediately.
	NAME (COMPANY)		

34	Revolution(Zoetis)	ACTIVE INGREDIENT	Selamectin
		TYPE	Spot-on
		PET, MINIMUM AGE	Dogs (6 weeks) Cats (8 weeks)
		FREQUENCY	Monthly
		EFFECTS	Kills fleas for one month. Prevents heartworm disease. Kills and controls ear mites. Controls sarcoptic mites. Kills and controls American dog tick infestations.
		COMMENTS	Bathing or shampooing the animal 2 or more hours after treatment will not reduce effectiveness
	NAME (COMPANY)		
35	Scalibor (Merck)	ACTIVE INGREDIENT	Deltamethrin
		TYPE	Collar
		PET, MINIMUM AGE	Dogs only (12 weeks)
		FREQUENCY	6 months
		EFFECTS	Kills fleas and ticks for up to 6 months, including brown dog tick, American dog tick, and deer (black-legged) ticks.
		COMMENTS	Water resistant. Consult a veterinarian before using this product on debilitated, aged, pregnant, medicated or nursing dogs. Use on dogs only.
	NAME (COMPANY)		
36	Seresto (Bayer)	ACTIVE INGREDIENT	Flumethrin, Imidacloprid
		TYPE	Collar
		PET, MINIMUM AGE	Dogs (over 7 weeks), Cats (over 10 weeks)
		FREQUENCY	8 months
		EFFECTS	Kills fleas and ticks for up to 8 months, including deer (black-legged) ticks, American dog ticks, brown dog ticks, and lone star ticks. Kills fleas within 24 hours. Kills chewing lice for one month. Aids in control of sarcoptic mites. Dogs: Prevents tick infestations within 48 hours and kills/repels reinfesting ticks within 6 hours. Cats: Remove ticks already on cat at time of collar application as they may not be killed immediately; prevention of infestation with new ticks begins within 48 hours.

		COMMENTS	Water resistant; for animals that are bathed or swim > 1 per month, control duration is reduced to 5 months. Consult veterinarian before using this product on debilitated, aged, breeding, pregnant, or nursing animals.
	NAME (COMPANY)		
37	Vectra (Ceva)	ACTIVE INGREDIENT	Dinotefuran, Pyriproxyfen
		TYPE	Spot-on
		PET, MINIMUM AGE	Dogs (over 8 weeks, over 2.5 pounds) Cats (over 8 weeks, over 2 pounds)
		FREQUENCY	Monthly
		EFFECTS	Kills fleas within 6 hours.
		COMMENTS	Consult veterinarian before using this product on debilitated, aged, breeding, pregnant, or nursing animals or on animals with known sensitivity to pesticides.
	NAME (COMPANY)		
38	Vectra 3D (Ceva)	ACTIVE INGREDIENT	Dinotefuran, Pyriproxyfen, Permethrin
		TYPE	Spot-on
		PET, MINIMUM AGE	Dogs (over 7 weeks)
		FREQUENCY	Monthly
		EFFECTS	Kills fleas within 6 hours. Repels and kills American dog ticks, lone star ticks, brown dog ticks, deer (black-legged) ticks. Repels and kills mosquitoes, lice, sand flies and mites.
		COMMENTS	Water resistant. Consult veterinarian before using this product on debilitated, aged, breeding, pregnant, or nursing animals or on animals with known sensitivity to pesticides. Harmful or fatal if applied to cats or if cats groom recently treated dogs.