FLEA&TICK PRODUCT COMPARISONS

By Michael Murray, DVM, MS, DACVIM, Founder of Level 5 Coaching and Consulting LLC

There are numerous effective products that kill fleas and ticks on pets. There is not a "best" product, because each person's situation and preference can be different – and even differ among pets in their household. The table highlights advantages and disadvantages of several products categories: squeeze-on topicals, oral chewable tablets, collars and powders/sprays. Remember that the "advantages" and "disadvantages" of a product can be in the eye of the beholder, so it is important to understand your customer's preferences before recommending a specific product. It is also crucial that your customers read and understand the product labels to use these products in the safest way.

Topical (Non-prescription) Many products start killing within minutes. May be best for preventing tick-transmitted diseases, because of fast killing, (Note that speed of kill slows progressively over time after treatment). Often combined with a chemical that prevents flea reproduction i.e. IGR. Oral Chewable Tablet Collar Convenience. Just put on the collar. Tend to be longer acting, so less frequent treatment ended. Can be a good solution for dogs that are very active outdoors. May be easier than applying liquid onto cat. Powders & Can provide a quick knockdown of fleas. May products start killing with a chemical that prevents flea reproduction. "Convenience Just put on the collar. Tend to be longer acting, so less frequent treatment needed. Can be a good solution for dogs that are very active outdoors. May be best for preventing the factiveness, from the haircoat. Defential for human exposure to insecticide on the pets' haircoat. Some people do not want "insect killer" in their pet. Generally higher priced products. Can be a good solution for dogs that are very active outdoors. May be deasier than applying liquid onto cat. Powders & Can provide a quick knockdown of fleas. May provide added benefit in pet heavily infested with fleas or ticks. Bashting may remove product, and effectiveness, from the haircoat. Bashting may remove product. Bathing or vertice and effectiveness, from the haircoat. Some people do not want "insect killer" in their pet. Generally higher priced products. "In their pet. Active ingredient is in the blood, so these products. fleas and ticks when they for on the pet. Acceptability by pet varies between products. "In their pet. Active ingredient is in the pet. Beas thing any remove product. "In the facts on the pets' haircoat. The pet acting acti	CATEGORY	ADVANTAGE	DISADVANTAGE	NOTES:
No messy liquid on pet. No westernal exposure of chemical.** Good for dogs that get bathed often.** **Collar* **Convenience. Just put on the collar. Tend to be longer acting, so less frequent treatment needed.** **Can be a good solution for dogs that are very active outdoors.** May be easier than applying liquid onto cat.** **Can provide a quick knockdown of fleas.** **May provide added benefit in pet heavily infested with fleas or ticks.** **Sprays** **Insect killer" in their pet.* **Generally higher priced products.** **Generally higher priced products.* **Deferent products last from 1 month to 12 weeks (labe indications).* **Pets, especially cats, may remove the collar.* **Insect killer" in their pet.* **Generally higher priced products.* **Deferent products last from 1 month to 12 weeks (labe indications).* **Pets, especially cats, may remove the collar.* **Insect killer" in their pet.* **Deferent products.* **Deferent products last from 1 month to 12 weeks (labe indications).* **There are many different ingredients used in collar products, from synthetic pets throids to organophosphate throids to organophos	Topical	tact. Many products start killing within minutes. May be best for preventing tick-transmitted diseases, because of fast killing. (Note that speed of kill slows progressively over time after treatment). Often combined with a chemical that prevents flea repro-	 messy. Bathing may remove product, and effectiveness, from the haircoat. Potential for human exposure to insecticide on the pets' 	 Good choice for people who want the fastest killing or who prefer to have the "bug killer" on the pet instead of inside
the collar. Tend to be longer acting, so less frequent treatment needed. Can be a good solution for dogs that are very active outdoors. May be easier than applying liquid onto cat. Can provide a quick knockdown of fleas. May provide added benefit in pet heavily infested with fleas or ticks. The collar. "Insect killer" is on the pet's haircoat, so risk of human exposure. It is important to understare the ingredients and their safety profile for dogs and especially, cats. Shorter duration of action compared to other forms. Higher exposure of pets and people to pesticide. The collar. "Insect killer" is on the pet's haircoat, so risk of human exposure. Shorter duration of action compared to other forms. Higher exposure of pets and people to pesticide. The collar products, from synthetic products, fro	Chewable	No messy liquid on pet.No external exposure of chemical.Good for dogs that get	"insect killer" in their pet. Generally higher priced	blood, so these products kill fleas and ticks when they feed on the pet. Acceptability by pet varies between products. Different products last from 1 month to 12 weeks (label indications).
down of fleas. May provide added benefit in pet heavily infested with fleas or ticks. compared to other forms. Higher exposure of pets and people to pesticide. suited for treating a heavy flea or tick infestation. Not well suited for sustained fle control. For heavy flea or tick infestation.	Collar	the collar. Tend to be longer acting, so less frequent treatment needed. Can be a good solution for dogs that are very active outdoors. May be easier than applying	remove the collar. "Insect killer" is on the pet's haircoat, so risk of human	ingredients used in collar products, from synthetic pyre throids to organophosphates. It is important to understand the ingredients and their safety profile for dogs and,
	Sprays GUPVE FLEA AND TICK	down of fleas. • May provide added benefit in pet heavily infested with fleas	compared to other forms. • Higher exposure of pets and	flea or tick infestation. Not well suited for sustained flea control. For heavy flea or tick infestations, pet owners are advised to seek veterinary attention