

## Evaluation Report for Category B, Subcategory B.3.10 Application

**Application Number:** 2016-2364  
**Application:** Category B, Subcategory B.3.11 (new pests)  
**Product:** K9 Advantix<sup>®</sup> 10  
**Registration Number:** 27658  
**Active ingredients (a.i.):** imidacloprid (IMI); permethrin (PFL)  
**PMRA Document Number:** 2658435

### Background

K9 Advantix<sup>®</sup> 10 (Reg. No. 27658, 8.8% imidacloprid; 44% permethrin) has been registered since October 2006. It is registered as a spot-on for use on dogs and puppies 4.5 kg and under to control fleas, ticks and lice.

### Purpose of Application

The purpose of this application is to add claims against adult mosquitoes to the product label.

### Chemistry, Health and Environmental Assessments

Chemistry, environmental and health assessments were not required.

### Value Assessment

Trials supported a claim of kills mosquitoes.

### Conclusion

The PMRA has completed an evaluation of the subject application and has found the information sufficient to amend the registration of K9 Advantix<sup>®</sup> 10 to include a claim that the product kills mosquitoes.

## References

### PMRA # Reference

- 2637639 2016, Value Assessment of K9 advantix<sup>®</sup> and K9 advantix<sup>®</sup> II for the control and repellency of mosquitoes on dogs., DACO: 10.1,10.2,10.2.1,10.2.2,10.2.3,10.2.3.1
- 2637640 2016, Summary table of efficacy studies of K9 Advantix and K9 Advantix II against mosquitoes on dogs, DACO: 10.2.3.1
- 2637641 2003, Comparative evaluation of K9 Advantix (8.8% imidacloprid + 44.0% permethrin), Advantage (9.1% imidacloprid) and Kiltix (45% permethrin) to repel, kill and stop blood feeding of adult *Aedes aegypti* mosquitoes, DACO: 10.2.3.2(C)
- 2637642 2003, Evaluation of K9 Advantix vs. Frontline Plus to repel *Culex* mosquitoes on dogs., DACO: 10.2.3.2(C)
- 2637643 2008, Evaluation of K9 Advantix vs. Frontline to repel *Culex* mosquitoes on dogs, DACO: 10.2.3.2(C)
- 2637644 2002, Comparative evaluation of K9 Advantix (8.8% imidacloprid + 44.0% permethrin) vs. Frontline Plus (9.8% fipronil + 8.8 (S) methoprene) to repel, kill and stop blood feeding of adult *Aedes aegypti* mosquitoes on dogs, DACO: 10.2.3.2(C)

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