

## Evaluation Report for Category B, Subcategory B.3.11 Application

**Application Number:** 2016-6777  
**Application:** Category B, Subcategory B.3.11 (new pests)  
**Product:** K9 Advantix<sup>®</sup> II Small Dog  
**Registration Number:** 29777  
**Active ingredients (a.i.):** imidacloprid (IMI); permethrin (PFL), pyriproxyfen (PRX)  
**PMRA Document Number:** 2700394

### Background

K9 Advantix<sup>®</sup> II Small Dog (Reg. No. 29777, 8.8% imidacloprid; 44% permethrin; 0.44% pyriproxyfen) has been registered since June 2011. It is registered as a spot-on application for use on dogs and puppies weighing 4.5 kg or less to control fleas, ticks and lice and to kill mosquitoes.

### Purpose of Application

The purpose of this application is to add claims to reduce biting by mosquitoes and stable flies to the product label.

### Chemistry, Health and Environmental Assessments

Chemistry, environmental and health assessments were not required.

### Value Assessment

Six laboratory trials supported claims of reduces biting by mosquitoes and stable flies. These are nuisance pests of dogs.

### 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> II Small Dog to include claims that the product reduces biting by mosquitoes and stable flies on dogs.

## References

### PMRA # Document

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- 2692643 2016, K9 Advantix Data Summary Table, DACO: 10.2.3.1
- 2692644 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 Mosquitos, DACO: 10.2.3.2(C)
- 2692645 2003, Evaluation of K9 Advantix vs. Frontline Plus to Repel Culex Mosquitos on Dogs, DACO: 10.2.3.2(C)
- 2692646 2008, Evaluation of K9 Advantix vs. Frontline to Repel Culex Mosquitos on Dogs, DACO: 10.2.3.2(C)
- 2692647 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 mosquitos on dogs, DACO: 10.2.3.2(C)
- 2692648 2004, Assessment of the Efficacy of an Imidacloprid (10%)/ Permethrin (50%) Spot-on Against Stomoxys calcitrans on Dogs, DACO: 10.2.3.2(C)
- 2692651 2005, Assessment of the efficacy of an Imidacloprid 10%/Permethrin 50% spot-on against Stomoxys calcitrans on dogs, DACO: 10.2.3.2(C)

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