



## New or Changes to Product Labels-New Pests Evaluation Report for Category B, Subcategory 3.11Application

**Application Number:** 2015-4572  
**Application:** B.3.11  
**Product:** Advantage II Large Dog  
**Registration Number:** 27582  
**Active ingredients (a.i.):** 9.1% imidacloprid and 0.46% pyriproxyfen  
**PMRA Document Number :** 2607570

### Background

Advantage II Large Dog is a spot-on domestic class product containing 9.1% imidacloprid and 0.46% pyriproxyfen. Advantage II Large Dog is registered for application on dogs to control adult and larval fleas and flea eggs. This product is packaged in single doses adjusted for dogs in the specific labelled weight range. The entire dose is applied to the skin of the dog evenly in six to eight spots on the top of the back from the shoulder to the base of the tail. The product provides 4 weeks of flea control, but may be re-applied after one week if necessary.

### Purpose of Application

The purpose of this application is to add the claim “for the treatment of lice infestations on dogs” to the label for Advantage II Large Dog.

### Chemistry Assessment

Not required.

### Health Assessments

Not required.

### Environmental Assessment

Not required.

### Value Assessment

Four efficacy trials were submitted in support of the addition of lice to the Advantage II Large Dog product label. These trials were conducted on dogs of various sizes that were infested with lice. The trials tested products which were formulated with either imidacloprid, imidacloprid and

permethrin, or imidacloprid and moxidectin (an anti-helminthic drug). The tested application rates were equivalent to those which are currently registered for these products. The submitted studies demonstrated 99% to 100% control of lice until study termination at 35 or 36 days following the application of a single treatment to dogs naturally infested with *Trichodectes canis*. While a trial with a product containing pyriproxyfen was not conducted, it is reasonable to assume that the performance of products containing pyriproxyfen (i.e., Advantage II Large Dog) will perform at least as well as the tested products.

The submitted information was sufficient to support the addition of the claim “for the treatment of lice infestations on dogs” to the label for Advantage II Large Dog (Reg. No. 27582).

## **Conclusion**

The addition of the claim “for the treatment of lice infestations on dogs” to the label for Advantage II Large Dog (Reg. No. 27582) was supported.

## **References**

- 2558596      2015, VALUE ASSESSMENT of Advantage, Advantage II, K9 Advantix, and K9 Advantix II for Lice Control on Dogs, DACO: 10.1, 10.2, 10.2.1, 10.2.2, 10.2.3, 10.2.3.1, 10.2.3.2(C), 10.3, 10.3.1, 10.3.2, 10.4, 10.5, 10.5.1, 10.5.3

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