

## Evaluation Report for Category B, Subcategory 3.11 Application

**Application Number:** 2014-2285  
**Application:** Category B, subcategory 3.11  
**Product:** Imidan 70-WP Instapak  
**Registration Number:** 29064  
**Active ingredients (a.i.):** phosmet [PRT]  
**PMRA Document Number :** 2476744

### Background

Imidan 70-WP Insecticide has been registered since 2007. Imidan 70-WP Instapak is registered as a foliar spray for the control of a variety of insect pests on alfalfa, carrot, celery, potato, apple, sour cherry, peach, plum, pear, blueberry and grape.

### Purpose of Application

The purpose of this application was to amend the registration of Imidan 70-WP Instapak to include the claim of control of spotted wing drosophila at a rate of 2.68 kg/ha for apple, sour cherry (tart), pear, peach and plum and a use rate of 1.6 kg/ha for blueberry (highbush and lowbush) and 2.2 kg/ha for grape with a maximum of 3-5 applications per year (crop specific) and a minimum pre-harvest interval of 7-15 days (crop specific).

### Chemistry Assessment

Not required.

### Health Assessment

Not required.

### Environmental Assessment

Not required.

### Value Assessment

Value data supporting the control of spotted wing drosophila was reviewed, and consisted of three laboratory trials conducted on blueberry, history of use information from a number of U.S. extension publications, and extrapolation from pests currently appearing on the Imidan 70-WP Instapak label.

A claim of control for spotted wing drosophila was supported for addition to the Imidan 70-WP Instapak label at an application rate of 2.68 kg/ha of product for apple, pear, plum, peach, and sour cherry, 2.2 kg/ha of product for grape and 1.6 kg/ha product for blueberry (highbush and lowbush).

## Conclusions

The PMRA has completed an evaluation of the subject application and has found the value information sufficient to amend the registration of Imidan 70-WP Instapak to include the claim of control of spotted wing drosophila at an application rate of 2.68 kg/ha of product for apple, pear, plum, peach, and sour cherry, 2.2 kg/ha of product for grape and 1.6 kg/ha product for blueberry (highbush and lowbush).

## Reference List

PMRA #	Reference
2437312	2014, New uses, DACO: 0.1.6023
2437313	2014, Cover Letter - Category C Fast Track, DACO: 0.8
2437317	2014, Efficacy Summaries, DACO: 10.2.3.1
2437318	Rufus Isaacs, Noel Hahn, and Keith Mason, 2014, Relative efficacy and speed of control of spotted wing Drosophila by insecticides registered for use in fruit crops, DACO: 10.2.3.3(C)
2437319	Rufus Isaacs, Noel Hahn, Katie O'Donnell and Keith Mason, 2011, RELATIVE EFFICACY OF INSECTICIDES REGISTERED IN BLUEBERRY AND THEIR SPEED OF MORTALITY AGAINST SPOTTED WING DROSOPHILA FLIES, DACO: 10.2.3.2(C)
2437321	2014, Exp. 19-13: BROAD SPECTRUM INSECT CONTROL IN BLUEBERRY, DACO: 10.2.3.3(C)
2437323	Steven Van Timmeren, Rufus Isaacs, 2013, Control of spotted wing drosophila, Drosophila suzukii, by specific insecticides and by conventional and organic crop protection programs, DACO: 10.2.3.3(C)

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