

Evaluation Report for Category B, Subcategory 3.9/3.11 Application

Application Number: 2017-7065
Application: B.3.9/B.3.11
Product: TwinGuard Insecticide
Registration Number: 31442
Active ingredients (a.i.): 20% sulfoxaflor, 20% spinetoram
PMRA Document Number : 2829570

Background

TwinGuard Insecticide (Reg. No. 31442) is a commercial class product containing 20% sulfoxaflor and 20% spinetoram. This product is registered for use on pome and stone fruit and on potatoes to control or suppress various Coleoptera, Diptera, Hemiptera and Lepidoptera species. On pome fruit it is registered against many insects including suppression of woolly apple aphid and control of various other aphid species.

Sulfoxaflor is a sulfoximine insecticide while spinetoram is a spinosyn insecticide. Both act on the nervous system of insects and kills on contact and by ingestion.

Purpose of Application

The purpose of this application is to increase the rate for woolly apple aphid on pome fruit from 250 g product/ha to 500 g product/ha and to change the claim for this pest from suppression to control. Control of mullein bug on pome fruit is also proposed.

Chemistry Assessment

Not required.

Health Assessments

Not required.

Environmental Assessment

Not required.

Value Assessment

Five trials on apple supported the modification of the claim for woolly apple aphid and control of mullein bug.

Conclusion

The submitted information supported claims that TwinGuard Insecticide controls woolly apple aphid and mullein bug on pome fruit at 500 g product/ha.

References

- 2823127** 2017, Closer and TwinGuard - add Mullein bug-change claim woolly apple aphid - Closer Insecticide, DACO: 10.1,10.2,10.3,10.3.1
- 2823128** 2017, Efficacy and Safety of sulfoxaflor for the Control of ERISLA and CAMYVE in Apple, DACO: 10.2.3.1,10.3.2
- 2823129** 2017, Efficacy Trials (5), DACO: 10.2.3.2(D)

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