

## Evaluation Report for Category B, Subcategory 3.9/3.11 Application

**Application Number:** 2017-7064  
**Application:** B.3.9/B.3.11  
**Product:** Closer Insecticide  
**Registration Number:** 30826  
**Active ingredients (a.i.):** 240 g sulfoxaflor/L  
**PMRA Document Number :** 2829567

### Background

Closure Insecticide (Reg. No. 30826) is a commercial class product containing 240 g sulfoxaflor/L. This product is registered for use on various vegetable, fruit and tree nut crops to control or suppress aphids, leafhoppers and scale insects. On pome fruit it is registered for use against many insects including suppression of woolly apple aphid and control of various other aphid species.

Sulfoxaflor is a sulfoximine insecticide which acts 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 200 mL product/ha to 400 ml 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 Closer Insecticide controls woolly apple aphid and mullein bug on pome fruit at 400 ml 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)

ISSN: 1911-8082

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