

Evaluation Report for Category B, Subcategory 3.13 Application

Application Number: 2012-1607
Application: Changes to Product Labels-Precautions
Product: Movento 240 SC Insecticide
Registration Number: 28953
Active ingredients (a.i.): Spirotetramat (SPA)
PMRA Document Number: 2220621

Background

Movento 240 SC Insecticide (240 g/L spirotetramat; Reg. No. 28953) was first registered on June 20, 2008. It is currently registered for the control of certain insects on a variety of outdoor crops at an application rate ranging from 185 to 585 mL product (52-140 g a.i.) per hectare depending on the crop. The maximum seasonal application rate for this product is 1.83 L product (440 g a.i.) per hectare.

An environmental risk assessment for outdoor uses of spirotetramat was previously carried out and it was determined that spirotetramat could pose a risk to terrestrial vascular plants, honey bee brood, and certain beneficial arthropods.

Purpose of Application

The purpose of this application was to amend the pollinator hazard statement on the Movento 240 SC Insecticide label. The applicant requested the removal of the following label statement: *“This product is TOXIC to bees through direct contamination of pollen and nectar. DO NOT apply this product during crop flowering period or when flowering weeds are present in the field, orchard or vineyard.”* from the Environmental Hazards section and to replace it with the following label statement: *“May be toxic to bee brood. To minimize potential risk to bee brood, see the Directions for Use section of this label for specific crop application instructions.”* The addition of the following label statement *“Do not apply until after petal fall”* is requested under the Directions for Use section for pome fruit, stone fruit and tree nuts.

Chemistry, Health and Value Assessments

No chemistry, health and value assessments were required for this application.

Environmental Assessment

Submitted higher tiered studies and rationales were insufficient to support all the elements of the proposed label language. Considering all the available information on spirotetramat and current practices related to risk mitigation for pollinators, the following label language is supported:

“TOXIC to bee brood. Bee brood may be exposed to residues in/on pollen and nectar brought back to the hive by bees foraging on flowering crops and weeds. DO NOT apply this product during crop flowering period or when flowering weeds are present in the treatment area. Minimize spray drift to habitats close to the application site.” The addition of crop specific application instructions for pome fruit, stone fruit and tree nuts is supported as it provides useful information for growers on application timing.

Conclusion

The PMRA has completed an evaluation of the subject application and has found the available information sufficient to amend the Movento 240 SC Insecticide label.

References

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