

Evaluation Report for Category B, Subcategory 3.12 Application

Application Number: 2015-3153
Application: Changes to Product Labels-New Site or Host
Product: Loopex
Registration Number: 31791
Active ingredients (a.i.): *Autographa californica* nucleopolyhedrovirus (AcMNPV) FV11
PMRA Document Number : 2613234

Background

Autographa californica nucleopolyhedrovirus (AcMNPV) FV11 is a baculovirus that specifically infects lepidopteran insects. Loopex contains 5×10^8 occlusion bodies of AcMNPV FV11/mL and is used to control cabbage looper larvae in greenhouse grown crops.

Purpose of Application

The purpose of this application was to add greenhouse crops (fruiting and leafy vegetables, cucurbits, brassica vegetables, stalk, stem and petiole vegetables, herbs and all their transplants) to the Loopex label.

Chemistry Assessment

A chemistry assessment was not required for this application.

Health Assessments

Previously reviewed data for the initial registration of Loopex showed that the mammalian toxicity/pathogenicity of the active ingredient AcMNPV FV11 poses little risk to human health and safety when used as directed.

The formulants in Loopex are not expected to pose a risk to workers' health when used according to the product label.

Environmental Assessment

The changes to the Loopex label will not result in an increased exposure or risk to the environment.

Value Assessment

Based on the original registration for use on cucumber, peppers, and tomatoes, additional efficacy data from eggplant, lettuce, basil, and bok choy, and a scientific

rationale for extrapolation to additional crops, Loopex is expected to provide value for control of cabbage looper on all crops in the fruiting vegetable, cucurbit vegetables, leafy vegetable, *brassica* head and stem vegetable, stem, stalk, and leaf petiole, and herbs and spices crop groups, as listed on the label, provided that thorough coverage is achieved.

Conclusion

Following review to the application, use of Loopex on additional greenhouse crops (fruiting and leafy vegetables, curcurbits, brassica vegetables, stalk, stem and petiole vegetables, herbs and all their transplants) was approved.

References

- 2551038 2015, Letter of Support, DACO: M10.1
- 2551039 2015, Waiver request, DACO: M10.2.1
- 2551040 2015, Loopex efficacy on eggplant, kok choy, lettuce and basil crops, DACO: M10.2.1
- 2551041 2015, Treatment effects, DACO: M10.3.1
- 2551042 2015, Crop resource production benefits, DACO: M10.4.1

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