



Evaluation Report for Category B.3.11, B.3.12-S-A-EP application

Application Number: 2006-3980
Application: Cat B.3.11 (new pest), Cat B.3.12 (new site/host)
Product: Safer's Trounce Yard & Garden Insecticide
Registration Number: 20564
Active ingredients (a.i.): Potassium Salt of Fatty Acids (20%) and Pyrethrins (0.2%)
PMRA Document Number: 1413825

Background

Safer's Trounce Yard & Garden Insecticide has been registered since January 23, 1989. Safer's Trounce Yard & Garden Insecticide is registered for the control of certain insect pests on fruit trees, flowers, ornamentals, shrubs and vegetables. For specific details of uses, application rates and methods, precautions, restrictions, and personal protective equipment requirements, refer to the product label.

Purpose of Application

The purpose of this application was to add a new pest (Chinch bug) and a new site/host (turf) to the product label of Safer's Trounce Yard & Garden Insecticide.

Chemistry Assessment

A chemistry assessment was not required since there was no change to product chemistry.

Health Assessments

The use of potassium soap salts and pyrethrins on domestic lawns fits within the registered use pattern for each active ingredient. No personal protection equipment is required for handling the product.

Environmental Assessment

The application rate and method of Safer's Trounce Yard & Garden Insecticide for use on turf for the control of Chinch bug are equivalent to those already registered for use on fruit trees, flowers, ornamentals, shrubs and vegetables. Therefore, no increase in environmental risk is expected. Environmental concerns have been mitigated through adequate statements on the product label.

Value Assessment

Data from seven field trials demonstrated acceptable efficacy of Safer's Trounce Yard and Garden Insecticide against chinch bug (population reductions of 61-100%). Data from both field and greenhouse trials demonstrated that applications of Safer's Trounce Yard and Garden Insecticide are unlikely to damage turf grasses. Safer's Trounce Yard and Garden Insecticide provides a valuable alternative to products containing carbaryl, the only other active ingredient registered in Canada for domestic use against chinch bug, but prohibited for this use by many Canadian municipalities.

Conclusion

The PMRA has completed an evaluation of the subject application and has found the information sufficient to amend the registration of Safer's Trounce Yard & Garden Insecticide to include the proposed pest (Chinch bug) and the new site/host (turf) on the product label.

References

A. List of Studies/Information Submitted by Registrant

Value Assessment

PMRA 1268904 (part) No Date. Trounce insecticide for control of hairy chinch bug in turf. Unpublished. 1 page. DACO 10.2.3.3

PMRA 1268904 (part) 1989. Control of chinch bugs in turf by Trounce and diazinon. Unpublished. 1 page. DACO 10.2.3.3

PMRA 1268904 (part) 1987. Chinch bug, Blissus leucopterus (Say). Unpublished. 2 pages. DACO 10.2.3.3

PMRA 1268907 (part) 1990. Field phytotoxicity trials (File: RES-P-1061, Exp. No.: LI-10). Unpublished. 8 pages. DACO 10.3.2

PMRA 1268907 (part) 1990. Phytotoxicity of SAP 2028 on lawn grass species - greenhouse trials (File: RES-P-1061, Exp. No.: LI-1 and LI-9). Unpublished. 5 pages. DACO 10.3.2.

Health Assessment

PMRA Document Number	All Contexts
1289358	2006-3980 APPL 5.2

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