



Evaluation Report for Category B, Subcategory 3.12 Application

Application Number: 2006-7113
Application: category B.3.12 (New or changes to product labels - new site or host)
Product: Ecoclear Fast Acting Weed And Grass Killer
Registration Number: 25528
Active ingredients (a.i.): Acetic Acid
PMRA Document Number: 1672663

Purpose of Application

The purpose of this submission is to amend the label for Ecoclear Fast Acting Weed and Grass Killer (Reg. No. 25528; 25% w/w acetic acid) to include non-crop areas in greenhouses. The product is currently registered for use as a herbicide in non-crop areas such as rights of way and industrial land sites including around greenhouses.

Chemistry Assessment

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

Health Assessments

There are no changes in the formulation of the end use product, thus there is no need for additional toxicology information.

The label statements for EcoClear Fast Acting Weed and Grass Killer (Wear safety goggles or face shield, gloves, long-sleeved shirt, pants, socks, and shoes during mixing/loading and application with hand held equipment, as well as during clean-up and maintenance of equipment; A well ventilated area is required for task-related duties; DO NOT re-enter the treated area for 12 hours or until the residues have dried) are considered sufficient to address any significant exposure to the applicator(s) and bystander(s).

EcoClear Fast Acting Weed and Grass Killer is to be applied only in non-food or non-feed crop situations, thus dietary exposure to acetic acid is considered to be negligible.

Maximum Residue Limit

Since the application of EcoClear Fast Acting Weed and Grass Killer is for non-food and non-feed situations, promulgation of a Maximum Residue Limit (MRL) for acetic acid was unnecessary.

Environmental Assessment

A Level D review was conducted on Ecoclear Fast Acting Weed and Grass Killer to include non-crop areas in greenhouses such as under planting benches, in walkways and in beds after harvest. Since the product is already registered for use on industrial rights of way and land sites around greenhouses at the same rate of application, no additional impact to the environment is expected from the use of Ecoclear Fast Acting Weed and Grass Killer on non-crop areas in greenhouses.

Value Assessment

Efficacy data from 3 greenhouse studies were submitted to bridge from the registered outdoor use of EcoClear to the use in non-crop areas inside the greenhouse. The trials were arranged in a randomized complete block design experiment with 4 replicates.

Results from the 3 greenhouse trials demonstrated that EcoClear applied at the registered rate performed better than the untreated control and similar to the hand-weeded control.

Based on the data made available and in consideration that there was no change in the application rate, method of application or the weed list from that presently registered, the weight of evidence supported the use of EcoClear in non-crop areas inside the greenhouse such as under planting benches, in walkways, and in beds after harvest.

Conclusion

The PMRA has completed the assessment of available data and has found the information adequate to support the amendment of the Ecoclear Fast Acting Weed and Grass Killer label to include non-crop areas in greenhouses.

References

- 1321628 (2006) EcoClear Fast Acting Weed and Grass Killer draft label (Williamsville, NY). Ecoval Corporation, 7-December-2006. Unpublished.
- 1338416 (2006) DACO 5.2, Use Description/Scenario, Ecoval Corporation (Williamsville, NY). Ecoval Corporation, 27-November-2006. Unpublished.
- 1315951 2006, Ecoval Greenhouse Trial 1, Trial 1, MRID: N/A, DACO: 10.2.3.3(B). unpublished.
- 1315952 2006, Ecoval Greenhouse Trial 2, Trial 2, MRID: N/A, DACO: 10.2.3.3(B). unpublished.
- 1315953 2006, Ecoval Greenhouse Trial 3, Trial 3, MRID: N/A, DACO: 10.2.3.3(B). unpublished.
- 1315954 2006, Summary of Adverse Effects and Non-Safety Adverse Effects, N/A, MRID: N/A, DACO: 10.3.1,10.3.2. unpublished.
- 1315955 2006, Value Summary and Summary, N/A, MRID: N/A, DACO: 10.1,10.2.3.1. unpublished.
- 1315956 2006, Trial Summmary Table for EcoClear Applications for Various Weed Control in Non-Crop Areas, N/A, MRID: N/A, DACO: 10.1,10.2.3.1. unpublished.

ISSN: 1911-8082

© Her Majesty the Queen in Right of Canada, represented by the Minister of Public Works and Government Services Canada 2010

All rights reserved. No part of this information (publication or product) may be reproduced or transmitted in any form or by any means, electronic, mechanical photocopying, recording or otherwise, or stored in a retrieval system, without prior written permission of the Minister of Public Works and Government Services Canada, Ottawa, Ontario K1A 0S5.