

Evaluation Report for Category C, Subcategory 3.9 Application

Application Number: 2006-7155
Application: Category C, Subcategory 3.9 (Changes to Product Label)
Product: Safer's End-All II Miticide Insecticide Acaricide Ready to Use
Registration Number: 22300
Active ingredients (a.i.): 1% Potassium Salts of Fatty Acids (POU) and 0.01% Pyrethrins (PYR)
PMRA Document Number: 1399396

Background

Safer's End-All II Miticide Insecticide Acaricide Ready to Use is registered for indoor use on houseplants and outdoor use on fruit trees, landscape trees, ornamentals, flowers, shrubs and vegetables to control the adult stage of aphids, whiteflies, scales, spider mites, mealybugs, caterpillars, leafhoppers, earwigs and beetles.

Purpose of Application

The purpose of this application is to amend the control claims for End-All II Miticide Insecticide Acaricide Ready to Use label to include the egg and nymph stages of the currently registered insects and mites.

Chemistry, Health and Environmental Assessment

A chemistry assessment was not required since there was no change to product chemistry. Health and Environmental assessments were not required since the use pattern and application rates of the component product remained unchanged.

Value Assessment

Two lab trials were submitted for review which tested Safer's End-All II Miticide Insecticide Acaricide Ready to Use (Reg. No. 22300; 1.0% Potassium salts of fatty acids and 0.01% Pyrethrins) to control spider mites and whitefly eggs. The submitted trials demonstrated that the Safer's End-All II Ready to Use product is effective in reducing egg hatch in spider mites and whitefly eggs. Other registered products (Reg. Nos. 26244, 26586) containing 0.01% pyrethrins have been shown to be effective in controlling the egg and nymph stages of the same insects and

mites listed on the Safer's End-All II Miticide Insecticide Acaricide label. Since the application rate of the pyrethrin and method of application are the same, it is expected that Safer's End-All II Miticide Insecticide Acaricide Ready to Use would also be effective in controlling the same stages of the same insects and mites listed on the label.

The phytotoxicity of Safer's End-All II Miticide Insecticide Acaricide Ready to Use has been assessed previously and the sensitive plant species are listed on the label. The list of sensitive plant species is not expected to change as a result of adding a new claim for egg and nymph control.

Conclusion

The PMRA has completed an evaluation of the subject application and has found the information sufficient to amend the registration of End-All II Miticide Insecticide Acaricide Ready to Use to include the claims for control of egg and nymph stages for the currently registered insects and mites.

References

- PMRA 1316930 Clark, A.R. 2006. Laboratory Bioassay Evaluation of End-All II (Trounce) for the Control of Two-spotted Spider Mite (*Tetranychus urticae*) Ova on (*Gerbera jamesonii*). Woodstream Study No. WSL-SME001. August 15, 2006.
- PMRA 1316931 Clark, A.R. 2006. Laboratory Bioassay Evaluation of Experiment End All II RTU (Trounce) Formulation for the Control of Silverleaf Whitefly (*Bemisia tabaci*) Ova on *Hibiscus*. Woodstream Study No. WSL-WFE001. August 15, 2006.

ISSN: 1911-8082

© Her Majesty the Queen in Right of Canada, represented by the Minister of Public Works and Government Services Canada 2007

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.