



Changes to Product Labels – Level of Control Evaluation Report for Category B, Subcategory 3.9 Application

Application Number: 2019-1181
Application: Changes to Product Labels – Level of Control
Product: Polyoxin D Zinc Salt 5SC Fungicide
Registration Number: 32688
Active ingredients (a.i.): Polyoxin D zinc salt
PMRA Document Number: 3028622

Background

Polyoxin D Zinc Salt 5SC Fungicide is a non-conventional product with polyoxin D zinc salt (5% w/w) as the active ingredient. Polyoxin D Zinc Salt 5SC Fungicide is registered for use on outdoor and greenhouse-grown fruit and vegetable crops and greenhouse-grown ornamentals to control fungal diseases via foliar applications at rates between 259-926 mL/ha or 315-1222 mL/1000 L, depending on the crop/crop group and disease. Polyoxin D Zinc Salt 5SC Fungicide is registered to suppress grey mold (*Botrytis cinerea*) on strawberries (field and greenhouse) via foliar applications at 259-926 mL/ha. 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 amend the registered claim of suppression to include control of grey mold (*Botrytis cinerea*) on strawberries (field and greenhouse) with Polyoxin D Zinc Salt 5SC Fungicide applied at the highest rate of 926 mL/ha (50 g a.i./ha) and to amend the rate range for suppression of grey mold on strawberries.

Chemistry Assessment

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

Health and Environmental Assessments

Health and environmental assessments were not required since the use pattern, including host crops, application rate and timing, remained unchanged.

Value Assessment

The applicant submitted the results of efficacy trials to support the amendment of the claim for grey mold on strawberries on the label of Polyoxin D Zinc Salt 5SC Fungicide. Based on the results of these trials, Polyoxin D Zinc Salt 5SC Fungicide applied foliarly at 926 mL/ha (50 g a.i./ha) can be expected to control grey mold on strawberries. Therefore, the addition of the claim of control of grey mold (*Botrytis cinerea*) on strawberries (field and greenhouse) to the Polyoxin D Zinc Salt 5SC Fungicide label at the rate of 926 mL/ha is supported. A claim of suppression is supported for the requested rate range of 259-463 mL/ha (14-25 g a.i./ha) as it falls within the previously labelled rate range.

Conclusion

The PMRA has completed an assessment of the subject application and has concluded that the submitted value information is adequate to support the following claim for Polyoxin D Zinc Salt 5SC Fungicide:

- The control of grey mold (*Botrytis cinerea*) on strawberries (field and greenhouse) at 926 mL/ha (50 g a.i./ha).
- The amendment of the rate range for suppression from 259-926 mL/ha (14-50 g a.i./ha) to 259-463 mL/ha (14-25 g a.i./ha).

References

2974310	2019, Polyoxin D Zinc Salt 5SC Fungicide: Value/Efficacy Data Summary for Control of Grey Mold (<i>Botrytis cinerea</i>) on Strawberries (2019), DACO: 10.1,10.2.2,10.2.3.1,10.2.3.2,10.3.1,10.3.2,10.3.3,10.4,10.5.1
---------	---

ISSN: 1911-8082

© Her Majesty the Queen in Right of Canada, represented by the Minister of Public Works and Government Services Canada 2019

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.