

## Evaluation Report for Category B, Subcategory 3.11 and 3.12 Application

**Application Number:** 2014-2484  
**Application:** New product labels – New pests, site or host  
**Product:** Kocide 2000  
**Registration Number:** 27348  
**Active ingredients (a.i.):** Copper (present as copper hydroxide)  
**PMRA Document Number :** 2459224

### Background

Kocide 2000 Fungicide (Registration Number 27348; guarantee 35% copper, present as copper hydroxide) is currently registered for use on beans, peppers (including greenhouse seedlings for transplant), potatoes, tomatoes, grapes, golf course and lawn bowling greens for the control of fungal diseases.

### Purpose of Application

The purpose of this application was to amend the registration of the end-use product Kocide 2000 Fungicide to add the use on cucumbers and sugar beets to control leaf spot diseases.

The applicant is requesting bridging the use on cucumbers for the control of angular leaf spot and the use on sugar beets for the control of cercospora leaf spot from Kocide 101 Fungicide (Registration Number 14417; guarantee 50% copper, present as copper hydroxide) to Kocide 2000.

### Chemistry Assessment

A chemistry assessment was not required for this application.

### Health Assessments

A toxicology assessment was not required for this application.

No new residue data for copper hydroxide in cucumbers and sugar beets were submitted to support the use expansion of the active on the Kocide 2000 Fungicide label. To support the use expansion to cucumbers and sugar beets, file data as well as globally available information were assessed.

Following the review of all available data, it was determined that the currently specified maximum residue limit (MRL) of 50 ppm for residues of copper compounds is considered adequate to cover residues of copper hydroxide in/on cucumbers and sugar beets as a result of this use. Residues of copper hydroxide on cucumbers and sugar beets at the specified MRL will

not pose an unacceptable risk to any segment of the population, including infants, children, adults and seniors.

The occupational exposure and risk from the addition of the uses on cucumbers and sugar beets to the Kocide 2000 label were assessed. No risks of concern are expected from these uses, provided that workers follow the label directions and wear the personal protective equipment identified on the label.

### **Environmental Assessment**

As the rates for Kocide 2000 Fungicide are similar or lower than those for the currently registered uses and the method of application is the same, label expansion to include cucumbers and sugar beets is not expected to pose additional environmental concerns.

### **Value Assessment**

A waiver for value information was submitted to support the requested label amendments.

Several previous applications to bridge other uses of Kocide 101 Fungicide to Kocide 2000 have been supported (e.g. halo and common blight of beans, bacterial diseases of tomato). The proposed application rate and use directions on the Kocide 2000 label is consistent with the information on the Kocide 101 Fungicide label for the control of angular leaf spot on cucumbers and cercospora leaf spot on sugar beets. The value of adding these uses to the Kocide 2000 label is supported.

### **Conclusion**

The PMRA has completed a review of all available information, and found it sufficient to support the use of Kocide 2000 on cucumbers for the control of angular leaf spot and the use on sugar beets for the control of cercospora leaf spot.

### **References**

<b>PMRA Document Number</b>	<b>Reference</b>
2440836	2014, Rationale to waive data, DACO 10.1, 10.2.2, 10.2.3.1, 10.2.3.3, 10.3.1, 10.3.2

ISSN: 1911-8082

© Her Majesty the Queen in Right of Canada, represented by the Minister of Public Works and Government Services Canada 2016

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.