



## Evaluation Report for Category B, Subcategory 3.11 Application

**Application Number:** 2007-3139  
**Application:** Category B. Subcategory 3.11 (New Pest) and C.3.1, 3.12  
(new host and lower rate)  
**Product:** Kocide 2000  
**Registration Number:** 27348  
**Active ingredients (a.i.):** Copper hydroxide (CUZ)  
**PMRA Document Number:** 1682184

### Background

Kocide 2000 was first registered on May 8, 2003 and is currently registered on peppers, tomatoes and potatoes as a spray application. Diseases controlled include bacterial spot on peppers, early blight on tomatoes and potatoes and late blight on potatoes. It can also be used at vinekill with a dessicant on potatoes. Kocide 2000 Fungicide is a Group M1 fungicide containing 53.8% copper hydroxide (metallic copper equivalent 35%) and comparable to Kocide 101 Fungicide containing 50% metallic copper equivalent.

### Purpose of Application

The applicant has proposed to add the claim for control of the diseases Halo Blight (*Pseudomonas syringae pv phaseolicola*) and Common Blight (*Xanthomonas axonopodalis pv phaseoli*) to the label of Kocide 2000 at the rate of 1.6-2.3 kg/ha depending on disease severity.

### Chemistry, Health and Environmental Assessments

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, including host crop, application rates and timings, of the component products remain unchanged or are lower than those already registered.

### Value Assessment

Four trials from Alberta, Ontario and the US were submitted for evaluation (2003-2006). The two Canadian trials had low disease pressure and complications resulting from an unknown pathogen in the trials. The two US trials indicate that the formulation (Kocide 2000) performs comparably to the Kocide 101 formulation. A reduction in rate (1.6-2.3 kg/ha) in the Kocide

2000 formulation provides the same degree of efficacy on halo blight and common blight as the Kocide 101 formulation (2.25-3.25 kg/ha).

## **Conclusion**

Based on the results of the efficacy trials reviewed, the PMRA accepts the claim for control of halo blight and common blight by Kocide 2000 at the proposed rates.

## **References**

PMRA No 1405842. April 9, 2007. Submission to Bridge Control of Bacterial Blight (Halo and Common) in Beans from Kocide 101 Fungicide to Kocide 2000 Fungicide. Project Identification DuPont-22895 CA, 128 pp.

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