

Evaluation Report for Category B, Subcategory 3.11 and 3.13 Application

Application Number: 2010-1165
Application: Changes to product label – new pest and precautions
Product: Confine
Registration Number: 29100
Active ingredients (a.i.): Mono- and di-potassium salt of phosphorous acid
PMRA Document Number English PDF: 2066997

Purpose of Application

The purpose of this application was to add the pest *Helminthosporium solani*, which causes silver scurf on potatoes, to the conditionally registered post-harvest label of Confine (Registration Number 29100). The applicant has also added Best Management Practices use statements to the Confine label.

The application method and rate for the suppression of silver scurf is the same as is on the currently registered Confine label.

Chemistry Assessment

A chemistry assessment was not required for this application.

Health Assessments

A toxicological and food residue exposure assessment was not required since there were no changes in formulation or in the rate and number of applications of Confine.

The addition of label statements reminding the applicator of good hygiene, the need for clean bins, and the need for the machinery to be cleaned appropriately after application are acceptable.

Environmental Assessment

The use of Confine for the suppression of silver scurf on potatoes has not changed from the currently registered use for the suppression of late blight and pink rot. Therefore, there are no further environmental concerns related to this pest addition.

Value Assessment

Four storage trials were provided in support of the pest claim. Confine applied at the rate as well as the phosphite fungicide, Phostrol, suppressed silver scurf incidence and severity under various disease pressures. The weight of evidence supports the claim that Confine will suppress silver scurf in storage potatoes when applied as directed. The label statements on Best Management Practices are consistent with integrated pest management (IPM) recommendations for potato. The addition of such statements to the Confine label is supported.

Conclusion

The PMRA has completed an assessment of available information for Confine and has found the information sufficient to support the addition of the pest, *Helminthosporium solani*, and Best Management Practices use statements to the Confine label.

References

- 1879665 2009, Managing Silver scurf and Black dot in Potato Storage, DACO: 10.2.3.3
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- 1879667 2010, Proposal silver scurf, DACO: 10.2.3.3
- 1914584 2010, Efficacy Summary, DACO: 10.2.3.1
- 1914585 2010, Executive Summary Silver Scurf, DACO: 10.1
- 1914587 2010, Silver Scurf of Potato Description of Pest problem, DACO: 10.2.2
- 1914588 2010, Survey of Alternatives, DACO: 10.5.1
- 1932421 2010, Effects of phosphorus acid on skin colour and silver scurf when applied to potatoes prior to storage, DACO: 10.3.2(B)

ISSN: 1911-8082

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