Health Canada Santé Canada

Evaluation Report for Category B, Subcategory B.3.4 Application

Application Number: 2007-0257
Application: B.3.4 (Changes to product label – Application method)
Product: Lance WDG Fungicide
Registration Number: 27495
Active ingredients (a.i.): Boscalid (CHH)
PMRA Document Number: 1610719

Purpose of Application

BASF Canada Inc. has submitted a request to add a new application method (pivot or sprinkler irrigation) for the use of Lance WDG Fungicide on dry bean, potatoes, canola and seed alfalfa. This submission is classified at B.3.4 - new application method. Lance WDG Fungicide (Registration No. 27495) contains the active ingredient Boscalid (guarantee 70%). The application rate and timing is identical to the currently registered use pattern.

Chemistry Assessment

A chemistry assessment was not required for this application.

Health Assessments

A toxicological assessment was not required for this application.

Considering the existing uses on the Lance WDG Fungicide label, the requested chemigation uses are not expected to result in an increase in the occupational exposure and health risks to boscalid.

The application rate and preharvest interval for boscalid on dry bean, potato, canola and alfalfa seed by pivot or sprinkler irrigation are identical to the registered ground application method. Dietary exposure to residues of boscalid will therefore not increase.

Environmental Assessment

An environmental risk assessment of Lance WDG Fungicide use on dry bean, potatoes, canola and seed alfalfa was not required since the rate, number and frequency of applications fall within those registered for use on the label. The new application method (pivot of sprinkler irrigation) does not increase the environmental risk to non-target wildlife. Environmental concerns have been mitigated through adequate environmental statements on the product label.

Value Assessment

Eleven trials conducted between 2002 and 2006, in the US (six trials on potatoes), and Canada (five trials on beans) were reviewed. The data indicated good disease control (60-90% control) when Lance WDG Fungicide was applied through a pivot sprayer (chemigation) at label rates for diseases caused by *Sclerotinia sclerotiorum* on beans and potato. Pivot application (chemigation) was comparable to ground or simulated aerial application. The fact that no difference in disease control was noted between the various application methods also supports the use on seed alfalfa and canola for all diseases at label rates.

Conclusion

The PMRA has completed the assessment of this application and find that the addition of the new application method is acceptable.

References

PMRA # 1366051. 2007. Lance petition to support registration of chemigation application for the control of white mold in dry bean, potato, canola, and Blossom blight in seed alfalfa caused by the pathogen *Sclerotinia sclerotiorum.* Part 10: Efficacy. 98pp.

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