

Evaluation Report for Category B, Subcategory 2.1 Application

Application Number: 2010-2796
Application: Changes to product label: application method
Product: DuPont Coragen Insecticide
Registration Number: 28982
Active ingredient (a.i.): Chlorantraniliprole
PMRA Document Number English PDF: 2111986

Purpose of Application

The purpose of this application was to expand the label to include aerial application to corn (field, pop, sweet and seed) for the control of various insect pests.

Chemistry Assessment

A chemistry assessment was not required for this application.

Health Assessment

Exposure to workers and chemical handlers is expected to be within safe limits due to the low toxicity of the end use product. Risk to bystanders is considered to be less than for handlers and re-entry workers, and therefore is also considered acceptable.

A review of the proposed label and specification form was conducted to support the addition of an aerial application to corn (field, pop, sweet and seed). The proposed minimum finished spray volume of 50 L/ha meets the minimum aerial spray volume required under Regulatory Directive DIR98-02, *Residue Chemistry Guidelines*. All other aspects of the use pattern on corn (field, pop, sweet and seed) remain unchanged. Therefore, no additional residue data are required in the context of this application. From a food residue exposure point of view, no changes in the magnitude of the residues in food and feed crops are expected, and thus no increase in dietary exposure is anticipated.

Environmental Assessment

A new environmental assessment was not required as the rates for aerial application to corn (field, pop, sweet and seed) are within the registered aerial application rates for potato and are not expected to increase environmental risk. Environmental concerns are mitigated on the label.

Value Assessment

Aerial application of DuPont Coragen Insecticide to corn (field, pop, sweet and seed) at the rates of 250-375 ml/ha in a minimum finished spray volume of 50 L/ha was supported based on extrapolation from the registered use on corn (field, pop, sweet and seed) for control of the same pests at the same rates and timing by ground application, and the registered use on potatoes for control of European corn borer and Colorado potato beetle at the same rates and spray volumes by both ground and aerial application.

Conclusion

The PMRA conducted an evaluation of the subject application and concluded the expanded use of DuPont Coragen Insecticide in accordance with the label has value and will not pose unacceptable health or environmental risk.

References

PMRA Document Number: 1922147

Reference: 2010, Waiver request for value and efficacy studies, Data Numbering Code: 10.1, 10.2, 10.2.3, 10.2.3.2, 10.2.3.3, 10.3, 10.3.2

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