Health Canada Santé Canada

Evaluation Report for Category B, Subcategory 3.6 Application

Application Number: 2013-5669
Application: New or changes to Product Labels – Preharvest/Slaughter/With-Holding
Product: Reglone Desiccant
Registration Number: 26396
Active ingredients (a.i.): Diquat
PMRA Document Number : 2386500

Purpose of Application

The purpose of this application was to amend the preharvest interval of Reglone Desiccant from two weeks to one day for the use on potatoes.

Chemistry, Environmental and Value Assessments

Chemistry, environmental and value assessments were not required with this application.

Health Assessments

An evaluation was performed for the amendment of the preharvest interval for potatoes on the Reglone Desiccant label. The changes should not result in occupational risks of concern to the active ingredient, diquat. No unacceptable risk is expected when workers follow the label directions and wear the personal protective equipment identified on the label.

Residue data from field trials conducted in Canada were submitted to support the reduction of the preharvest interval on potatoes from two weeks to one day on the label of Reglone Desiccant. Diquat was applied to potatoes at registered rates, and harvested according to label directions. No change to the currently established MRL of 0.1 ppm is required and the change to a 1 day preharvest interval on potatoes was supported.

A toxicology assessment was not required with this application.

Conclusion

The Pest Management Regulatory Agency has completed an assessment of the information provided and is able to support the amendment to the preharvest interval of Reglone Desiccant from two weeks to one day for the use on potatoes

References

PMRA References

Canada

Document Number	
2354341	2006, Paraquat and Diquat: Residue Method for the Determination of Paraquat Dichloride (PP148) as Paraquat Cation and Diquat Dibromide (PP901) as Diquat Cation in Crop Matrices. Final Determination by LC-MS/MS. Report Number: GRM012.03A, DACO: 7.2.
2354347	2006, Validation of Analytical Method GRM012.03A for the Determination of Residues in Crop Matrices (Sunflower Seed, Sunflower Oil, Lettuce, Cereal Grain, Orange, Hop and Cabbage), DACO: 7.2.3.
2354343	1986, Plant Protection Division Residue Analytical Method No.6A The Determination of Residues of Diquat in Soil – a spectrophotometric method, DACO: 7.2.1.
2354349	1989, Residue Data Report. Diquat: Method Validation Data for Residue Methods (PPRAM's) 5A and 6A, DACO: 7.2.3.
2354350	1996, Diquat: Storage Stability of the Residue in Frozen Carrot, Cabbage, Wheat Grain and Soil (Final Report). Report Number: TMJ 3575B, DACO: 7.3.
2354351	1989, Addendum To: Stability of Diquat Cation in Crop Matrices Stored at -20ºC. Report Number: R010/Stability, DACO: 7.3.
2241876	2012, Sedaxane FS (A16148C) and Diquat (A12872A) - Residue Levels on Potatoes from Trials Conducted in Canada during 2011- Final Report. Report Number: CER 05724/11, DACO: 7.4.1,7.4.2,7.4.6,IIIA,8.3.1.

ISSN: 1911-8082