

Evaluation Report for Category B, Subcategory 5.0 (MRLs for registered active ingredients on imported commodities) Application

Application Number: 2005-4341
Application: Evaluation Report for Category B, Subcategory 5.0 (MRLs for registered active ingredients on imported commodities)
Product: Pyrimethanil Technical Fungicide
Registration Number: 28010
Active ingredients (a.i.): Pyrimethanil
PMRA Document Number: 1402860

Background

Pyrimethanil (Reg. No. 28010) is contained in the US end use product, SCALA 400SC Pyrimethanil Fungicide for the control of specific disease organisms that affect various commodities. Pyrimethanil has been registered for use in Canada since August 24, 2005.

Purpose of Application

The purpose of this submission is to request maximum residue limits (MRLs) to cover residues of pyrimethanil in/on imported almonds and pistachios.

Chemistry Assessment

A chemistry assessment was not required for this application since pyrimethanil is already registered in Canada.

Health Assessment

A toxicology assessment and occupational/by-standard exposure assessment were not required for this application since the proposal is to specify MRLs on imported commodities of an active ingredients currently registered in Canada.

To support the specification of MRLs in/on imported commodities, residue data from field trials conducted in the major growing regions of the US were reviewed for almonds.

MRL Recommendations

Recommendations for MRLs for pyrimethanil in/on imported commodities were based on guidance provided in PRO 2005-04 (“Guidance for Setting Pesticide Maximum Residue Limits Based on Field Trial Data”).

Based on currently established US MRLs and maximum residues observed in treated commodities, MRLs to cover residues of pyrimethanil in/on imported crops will be specified as shown in TABLE 1.

TABLE 1. Summary of Field Trial Data Used to Establish Maximum Residue Limit(s) (MRLs) for pyrimethanil.						
Commodity/ Crop Group	Application Method/ Total Application Rate (kg a.i./ha)	PHI (days)	Residues of pyrimethanil (ppm)		Currently Established MRLs (ppm)	Recommended MRLs (ppm)
			Min	Max		
Almonds	Foliar application/ 2.4	30	0.05	0.135	-	0.2

Environmental and Values Assessments

Environmental and value assessments are not required for applications to specify MRLs on imported commodities.

Conclusions

Following the review of all available data, MRLs for pyrimethanil of 0.2 ppm in /on imported almonds is recommended. The data from the almond field trials is transferrable to cover residues of pyrimethanil in/on imported pistachios. Therefore, the MRL of 0.2 ppm in/on imported pistachios is also recommended. Residues in/on imported crops at the recommended MRLs will not pose an unacceptable risk to any segment of the population, including infants, children, adults and seniors.

List of Studies Submitted by Registrant

1109500 2005, Frozen Storage Stability of Pyrimethanil (AE B100309) in Almond Nut Meat Using GC/MS, Enviro-Test Laboratories/Xenos Division, XEN04-61, DACO: 7.3

Additional Studies Used

719151 2002, Magnitude of Pyrimethanil Residues In or On Almond Raw Agricultural Commodities Resulting from three Applications of SCALA[®] USA, 2001,US Almond RAC trials, Aventis CropScience, Residue Chemistry Department, 01AN27795, MRID: 45657108, DACO: 7.4.1

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