

Evaluation Report for Category B, Subcategory 5.0 Application

Application Number: 2010-3268
Application: New MRL for previously assessed TGAI
Product: Triclopyr Bee Technical Herbicide
Registration Number: 21052
Active ingredients (a.i.): Triclopyr (TPR)
PMRA Document Number : 2129430

Purpose of Application

The technical grade active ingredient, Triclopyr Bee Technical Herbicide, is currently registered in Canada. The purpose of this application was to establish a maximum residue limit (MRL) to cover residues of triclopyr in/on imported rice.

Chemistry Assessment

A chemistry assessment was not required for this application.

Health Assessments

To support the establishment of an MRL for imported rice, residue data generated using foliar applications from field trials conducted in the US were reviewed for rice. In addition, a processing study in treated rice was reviewed to determine the potential for concentration of residues of triclopyr into processed commodities.

MRL Recommendations

Based on the residue data, an MRL to cover residues of triclopyr in/on rice, grain will be established as shown in Table 1. Residues of triclopyr in processed commodities will be covered under the proposed MRL for the raw agricultural commodity (RAC).

Table 1. Summary of Field Trial and Processing Data Used to Establish Maximum Residue Limit(s)

Commodity	Application Method/ Total Application Rate (g a.i./ha)	PHI (days)	Residues (ppm)		Experimental Processing Factor	Currently Established MRL	Recommended MRL
			Min	Max			

Rice	foliar application/ 560	42-87	<0.05	0.12	--	none	0.3 ppm (rice, grain)
------	----------------------------	-------	-------	------	----	------	-----------------------

Environmental Assessment

An environmental assessment was not required for this application.

Value Assessment

A value assessment was not required for this application.

Conclusion

Following the review of all available data, an MRL of 0.3 ppm for imported rice grain is recommended by PMRA. Residues of triclopyr in imported rice grain at the recommended MRL will not pose an unacceptable risk to any segment of the population, including infants, children, adults and seniors.

References

- 1936701 1988, Residues of Triclopyr, 3,5,6-Trichloro-2-pyridinol, and 2-Methoxy-3,5,6-trichloropyridine in Rice After Treatment with Garlon 3A Herbicide. DACO 7.4.1.
- 1936707 1989, Residues of Triclopyr, 3,5,6-Trichloro-2-Pyridino., and 2-Methoxy-3,5,6-trichloropyridine in Rice Process Fractions from Rice Treated with Garlon 3A Herbicide. DACO 7.4.5.

ISSN: 1911-8082

© Her Majesty the Queen in Right of Canada, represented by the Minister of Public Works and Government Services Canada 2012

All rights reserved. No part of this information (publication or product) may be reproduced or transmitted in any form or by any means, electronic, mechanical photocopying, recording or otherwise, or stored in a retrieval system, without prior written permission of the Minister of Public Works and Government Services Canada, Ottawa, Ontario K1A 0S5.