

Evaluation Report for Category B, Subcategory 5.0 Application

Application Number: 2008-5063
Application: B.5.0 – New MRL for Previously Assessed TGAI
Product: Spiromesifen Technical Insecticide/Miticide
Registration Number: 28589
Active ingredients (a.i.): Spiromesifen (SPM)
PMRA Document Number : 1833084

Purpose of Application

The purpose of this application was to establish MRLs to cover residues of spiromesifen on dry shelled beans, succulent beans and edible podded beans.

Health Assessment

To support the establishment of import maximum residue limits (MRLs) on dry shelled beans, succulent beans and edible podded beans, residue data from field trials conducted in major bean growing regions of the US were reviewed.

Maximum Residue Limit(s)

Based on the maximum residues observed in imported bean commodities treated according to label directions, maximum residue limits (MRLs) to cover residues of 0.02 ppm in dry shelled beans, 0.1 ppm in succulent beans and 0.8 ppm on edible podded beans will be established as shown in Table 1.

Commodity	Application Method/ Total Application Rate (g a.i./ha)	PHI (days)	Residues (ppm)		Experimental Processing Factor	Currently Established MRL	Recommended MRL
			Min	Max			
Dry Shelled bean	Post-emergent foliar broadcast/ 634-726	9-10	<0.02	<0.02	--	None	0.02
Succulent bean	Post-emergent foliar broadcast/ 636-648	1	<0.10	<0.10	--	None	0.10
Edible podded bean	Post-emergent foliar broadcast/ 636-660	1	<0.10	0.47	--	None	0.80

Chemistry, Environmental and Value Assessments

Chemistry, Environmental and Value Assessments were not required for this application.

Conclusion

Following the review of all available data, MRLs of 0.02 ppm for imported dry shelled beans, 0.1 ppm for imported succulent beans and 0.8 ppm for imported edible podded beans are recommended. Residues of spiromesifen in these crop commodities at the established MRLs will not pose an unacceptable risk to any segment of the population, including infants, children, adults and seniors.

References

166561 9	2007, Spiromesifen: Magnitude of the residue on bean (dry shelled, succulent shelled, edible podded), DACO: 7.4.1
-------------	---

ISSN: 1911-8082

© Her Majesty the Queen in Right of Canada, represented by the Minister of Public Works and Government Services Canada 2010

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.