

Evaluation Report for Category B, Subcategory 5.0 Application

Application Number: 2010-6324
Application: New MRL for previously assessed TGAI
Product: Methoxyfenozide Technical Insecticide
Registration Number: 27785
Active ingredients (a.i.): methoxyfenozide
PMRA Document Number: 2115826
PMRA Document Number English PDF: 2157051

Purpose of Application

The purpose of this submission is to establish maximum residue limits (MRLs) to cover residues of methoxyfenozide in/on citrus fruits (Crop Group 10), green onions (Crop Subgroup 3-07B), and peanuts.

Health Assessments

Residue data for methoxyfenozide in/on citrus fruits, green onions, and peanuts from the US were submitted to support the importation of these crops into Canada.

Maximum Residue Limits (MRLs)

Based on the maximum residues observed in green onions, oranges, grapefruits, lemons, and peanuts treated according to the Intrepid 2F (US) label directions, MRLs to cover residues of methoxyfenozide in/on citrus fruits (Crop Group 10), green onions (Crop Subgroup 3-07B), and peanuts will be established as shown in Table 1. Residues of methoxyfenozide in these imported commodities will not pose an unacceptable risk to any segment of the population, including infants, children, adults, and seniors.

Residues of methoxyfenozide in processed commodities that are not listed in Table 1 are 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 Limits (MRLs).

Commodity	Application Method/ Total Application Rate (g a.i./ha)	PHI (days)	Residues (ppm)		Experimental Processing Factor	Currently Established MRL (ppm)	Recommended MRL (ppm)
			Min	Max			
Oranges Grapefruits Lemons	Broadcast / 1120	1	0.11	1.72	56X	-	10 (Citrus Fruit Crop Group 10) 100 (Citrus oil)
Green onions	Broadcast / 1120	1	<0.0 5	3.69	-	-	5 (Green onion Crop Subgroup 3-07B)
Peanuts	Broadcast / 538	7	<0.0 1	0.016	3X	-	0.02 0.04 (Peanut oil)

Toxicology and occupational exposure assessments were not required for this submission.

Environmental and Value Assessments

Environmental and value assessments were not required for this submission.

Conclusion

The Pest Management Regulatory Agency has completed an assessment of the provided information and has found it sufficient to support establishing MRLs of Methoxyfenozide Technical Insecticide to cover residues of methoxyfenozide in/on citrus fruits (Crop Group 10), green onions (Crop Subgroup 3-07B), citrus oil, peanut oil, and peanuts.

References

PMRA

Document Number

Reference

1999731	2010, Methoxyfenozide: Magnitude of the Residue on Citrus, DACO: 7.2.1
1999736	2008, Methoxyfenozide: Magnitude of the Residue on Citrus, DACO: 7.4.1, 7.4.5
1999737	2006, Methoxyfenozide: Magnitude of the Residue on Peanut, DACO: 7.4.1, 7.4.5
1999738	2007, Methoxyfenozide: Magnitude of the Residue on Green Onion, DACO: 7.4.1

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