

Evaluation Report for Category B, Subcategory 5.0 Application

Application Number: 2020-1216
Application: New Maximum Residue Limits (MRLs) for previously assessed Technical Grade Active Ingredient (TGAI)
Product: Flutriafol Technical Fungicide
Registration Number: 31678
Active ingredient (a.i.): Flutriafol
PMRA Document Number : 3238191

Purpose of Application

The purpose of this application was to establish maximum residue limits (MRLs) for residues of flutriafol in/on imported hops and almonds.

Health Assessments

Residue data for flutriafol from field trials conducted in the United States on hops and almonds were reviewed to support the establishment of MRLs in/on imported hops (dried) and almond nuts from the United States. In addition, previously reviewed data were re-assessed in the context of the current submission.

The dietary exposure assessment for flutriafol was updated and no health risks of concern for acute and chronic dietary exposure (food and drinking water) were identified for any segment of the population, including infants, children, adults, seniors and females 13 to 49 years old.

Maximum Residue Limits

The recommendation for MRLs for flutriafol was based upon the submitted field trial data, and the guidance provided in the [OECD MRL Calculator](#). MRLs to cover residues of flutriafol in/on crops and processed commodities are proposed as shown in Table 1. Residues in processed commodities not listed in Table 1 are covered under the proposed MRLs for the raw agricultural commodities (RACs).

TABLE 1. Summary of Field Trial and Processing Data Used to Support Maximum Residue Limits (MRLs)					
Commodity	Application Method/ Total Application Rate (g a.i./ha)	PHI (days)	Flutriafol Residues (ppm)		Recommended MRL (ppm)
			LAFT	HAFT	
Hops (dried)	Foliar / 510	7-8	4.14	7.96	20

TABLE 1. Summary of Field Trial and Processing Data Used to Support Maximum Residue Limits (MRLs)					
Commodity	Application Method/	PHI (days)	Flutriafol Residues (ppm)		Recommended MRL
Almond nuts	Foliar / 766-771	14	<0.01	0.295	0.6

LAFT = Lowest Average Field Trial; HAFT = Highest Average Field Trial

Following the review of all available data, MRLs as proposed in Table 1 are recommended to cover residues of flutriafol. Residues in these crop commodities at the proposed MRLs will not pose health risks of concern to any segment of the population, including infants, children, adults and seniors.

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

Chemistry, Value and Environmental Assessments

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

Conclusion

The Pest Management Regulatory Agency has completed an assessment of the information provided, and has found the information sufficient to establish MRLs for residues of flutriafol in/on imported hops and almonds.

References

PMRA Document Number	Reference
3106752	2011, Magnitude and Decline of Flutriafol and Metabolite Residues in/on Raw Agricultural Commodities of Tree Nuts Following Six Applications of Flutriafol 125 g/l SC with a 7-day Retreatment Interval and a 14-day PHI, DACO: 7.2.1,7.4.1,7.4.2,7.4.5
3106751	2014, Magnitude and Decline of Flutriafol and Metabolite Residues in/on Hops Raw Agricultural Commodities Following Four Foliar Applications of Flutriafol 125 g/l SC (2013), DACO: 7.2.1,7.4.1,7.4.2,7.4.5

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