

Evaluation Report for Category B, Subcategory 5.0 Application

Application Number: 2009-5229
Application: New maximum residue limit for previously assessed technical grade active ingredient
Product: Acramite 50 WS Miticide
Registration Number: 27925
Active ingredients (a.i.): Bifenazate
PMRA Document Number English PDF: 2025791

Purpose of Application

The purpose of this application was to establish a maximum residue limit (MRL) to cover residues of bifenazate plus the metabolite D3598 (expressed as bifenazate) in/on imported hops.

Health Assessments

Toxicology and occupational assessments were not required for this application.

To support the establishment of an MRL in/on imported hops, residue data for bifenazate were evaluated for hops reflecting U.S. Good Agricultural Practice (GAP).

Based on the maximum residues observed in crops treated according to U.S. label directions, maximum residue limits (MRLs) to cover residues of bifenazate and the metabolite D3598 in/on crops will be established as shown in Table 1. Residues of bifenazate in processed commodities not listed in Table 1 are covered under established MRLs for the raw agricultural commodities (RACs).

TABLE 13 Summary of Field Trial Data Used to Establish Maximum Residue Limit(s) (MRLs)

Commodity	Total Application Rate (ga.i./ha)	PHI (days)	Total Residues (ppm)		Experimental Processing Factor	Currently Established MRL (ppm)	Recommended MRL (ppm)	US Tolerance (ppm)
			Min	Max				
Hop, dried cones	851	13-14	5.2 6	11.1 5	--	--	15	15

Following the review of all available data provided, the MRLs for the crops noted in Table 1 are recommended to cover residues of bifenazate and the metabolite D3598 (expressed as bifenazate). Residues of bifenazate in these crop commodities will not pose an unacceptable risk to any segment of the population, including infants, children, adults and seniors.

Chemistry, Environmental and Value Assessment

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

Conclusion

Following the review of all available data, an MRL has been established in/on imported hops (15 ppm). Residues of bifentazate in/on hops commodities will not pose an unacceptable risk to any segment of the population, including infants, children, adults and seniors.

References

PMRA

Document

Number Reference

686351	2000, UCC-D2341 50WP on hops: magnitude of the residue study, DACO: 7.4.1
1837286	2009, Freezer storage stability of bifentazate in hops, DACO: 7.3
1935120	2003, Validation of a Working Method for the Determination of Combined D2341 and D3598 Residues in Hops, DACO: 7.2.3

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