

## Evaluation Report for Category B, Subcategory 5.0 Application

**Application Number:** 2016-7017  
**Application:** New Maximum Residue Limits for previously assessed Technical Grade Active Ingredients  
**Product:** Quinlorac  
**Registration Number:** 32965  
**Active ingredients (a.i.):** Quinlorac  
**PMRA Document Number :** 2828684

### Purpose of Application

The purpose of this application was to establish a maximum residue limit (MRL) for the active ingredient quinlorac in/on imported cranberries.

### Chemistry, Environmental and Value Assessments

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

### Health Assessments

Residue data for quinlorac in cranberry were submitted to support the maximum residue limit on imported cranberries.

### Maximum Residue Limit

The recommendation for maximum residue limit (MRL) for quinlorac was based upon the submitted cranberry field trial data, and the guidance provided in the [OECD MRL Calculator](#). An MRL to cover residues of quinlorac in/on low growing berries, except strawberries (Crop Subgroup 13-07H) is proposed as shown in Table 1.

<b>TABLE 1. Summary of Field Trial and Processing Data Used to Support Maximum Residue Limit (MRL)</b>							
Commodity	Application Method/ Total Application Rate (g a.i./ha)	PHI (days)	Residues (ppm)		Experimental Processing Factor	Currently Established MRL (ppm)	Recommended MRL (ppm)
			LAF T	HAF T			
Cranberries	542-591	57-62	0.16	0.67	Not applicable	None	1.5  for all crops in CSG 13-07H

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

Following the review of all available data, an MRL as proposed in Table 1 is recommended to cover residues of quinlorac in/on imported low growing berries, except

strawberries (Crop Subgroup 13-07H). Residues in these commodities at the proposed MRL will not pose an unacceptable risk to any segment of the population, including infants, children, adults and seniors.

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

## Conclusion

The Pest Management Regulatory Agency has completed an assessment of the available information for Quinlorac and has found the information sufficient to support the establishment of an MRL for quinlorac in/on imported cranberries.

## References

PMRA Document Number	References
PMRA#	Reference
2695465	2015, Strawberry Metabolism of [14C] Quinlorac, DACO: 6.3,7.2.1
2695466	2010, Quinlorac: Magnitude of Residue on Cranberry, DACO: 7.2,7.4,7.4.1,7.4.2
2695467	2015, Independent Laboratory Validation of analytical Method for the Determination of Quinlorac Residue in Strawberry, DACO: 7.2,7.2.2,7.2.3A
2695468	2015, Validation of GC Laboratories Analytical Method M829/A: Residues Determination of Quinlorac in Fruit based on Multi-residue QuEChERS Extraction followed by Liquid Chromatography Coupled with Tandem Mass Spectrometry (LC-MS/MS) Detection for Analysis, DACO: 7.2,7.2.2,7.2.3A,

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