

## Evaluation Report for Category B, Subcategory 5.0 Application

**Application Number:** 2020-5312  
**Application:** New Maximum Residue Limits for Previous Assessed Technical Grade Active Ingredient  
**Product:** Dupont Zorvec Technical Fungicide  
**Registration Number:** 32100  
**Active ingredients (a.i.):** Oxathiapiprolin  
**PMRA Document Number:** 3302429

### Purpose of Application

The purpose of this application was to establish oxathiapiprolin maximum residue limits (MRLs) on imported avocados and pomegranates.

### Chemistry, Environmental and Value Assessments

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

### Health Assessments

Toxicological and occupational assessments were not required for this application.

New residue data for oxathiapiprolin from field trials conducted in the United States and Puerto Rico in avocados, and in the United States in pomegranates, were reviewed to support the establishment of maximum residue limits (MRLs) in/on imported avocados and pomegranates from the United States. In addition, a processing study in treated pomegranates was reviewed to determine the potential for concentration of residues of oxathiapiprolin into processed commodities, and previously reviewed data were re-assessed in the context of the current application.

### Maximum Residue Limits

The recommendation for the maximum residue limit (MRL) for oxathiapiprolin was based upon the submitted field trial data, and the guidance provided in the [OECD MRL Calculator](#). An MRL to cover residues of oxathiapiprolin 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 MRL for the raw agricultural commodities (RACs).

**Table 1 Summary of Field Trial and Processing Data Used to Support the Maximum Residue Limit (MRL)**

Commodity	Application Method/ Total Application Rate (g a.i./ha)	PHI (days)	Residues (ppm)		Experimental processing factor	Recommended MRL (ppm)
			LAFT	HAF T		
Avocados	Soil + Foliar/ 352-398	1	<0.01	0.039 1	None	0.1 For all crops in crop subgroup 24B
Pomegranates	Soil + Foliar/ 351-356	1	0.026 1	0.035 6	Juice: <0.5x	

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

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

### Conclusion

The Pest Management Regulatory Agency has completed an assessment of the information provided, and has found the information sufficient to establish oxathiapiprolin maximum residue limits (MRLs) on imported avocados and pomegranates.

## References

### PMRA

#### Document

Number	Reference
3179227	2018, Oxathiapiprolin - Magnitude of the Residue on Avocado, DACO: 7.4.1,7.4.2
3179228	2018, Oxathiapiprolin - Magnitude of the Residue on Pomegranate, DACO: 7.4.1,7.4.2,7.4.5

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