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## Malathion Use on Christmas Tree Plantations in California

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Date: September 27, 2006

To: [Teung Chin](mailto:Teung.Chin)

From: [Rick Melnicoe](mailto:Rick.Melnicoe)

Subject: Malathion - Christmas Tree Plantations (Rates and REI)

Teung,

The proposed label rates, REI and number of applications per year for Christmas trees will not be a problem in California.

Rick

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**From:** Teung.F.Chin@aphis.usda.gov [mailto:Teung.F.Chin@aphis.usda.gov]

**Sent:** Wednesday, September 27, 2006 3:04 PM

**To:** jess@msu.edu; rsmelnicoe@ucdavis.edu; Steve Toth; ckk3@cornell.edu; hastings@aesop.rutgers.edu; jea@psu.edu

**Cc:** olsenl@msu.edu; jmthomas@tricity.wsu.edu; llherbst@ucdavis.edu; jim@sripmc.org; Allen.Jennings@ars.usda.gov; antonell@wsu.edu; jill\_sidebottom@ncsu.edu; jill\_sidebottom@ncsu.edu; odonnell@msue.msu.edu; lielling@msue.msu.edu; myers@msue.msu.edu; ledebuhr@msue.msu.edu

**Subject:** Malathion - Christmas Tree Plantations (Rates and REI)

September 27, 2006

Dear Colleagues:

EPA is finalizing its label decisions for malathion.

Please let me know if the following EPA decisions will be acceptable for Christmas tree growers:

- (1) Non-ULV 3.2 lb ai/acre maximum single rate , two applications maximum per year; 12 hour REI
- (2) ULV 0.9375 lb ai/acre maximum single rate , two applications maximum per year; 12 hour REI

I will need your feedback within in two weeks if at all possible (Wed. October 11). Thank you!

Teung Chin

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Oregon Crop Profile 1999

<http://www.ipmcenters.org/CropProfiles/docs/orwachristmastrees.html>

malathion 1.0-3.0 pt/acre 35 ACRES 1 % ct

Douglas-fir conifer aphids (Cinara spp.) ; True Firs: Balsam Twig Aphid

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Washington State Crop Profile Crop Profile 1999  
<http://www.ipmcenters.org/CropProfiles/docs/orwachristmastrees.html>

no use reported (1999)

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Pennsylvania 2004 Crop Profile  
<http://www.ipmcenters.org/CropProfiles/docs/PAchristmastrees.html>

No malathion use reported

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North Carolina 2003 (Mountain Region) Crop Profile  
<http://www.ipmcenters.org/CropProfiles/docs/NCchristmastrees.html>

Malathion (malathion). 1% percent or less of Christmas tree acreage in 2000 in western North Carolina mainly for the control of the balsam woolly adelgid.

Jill R. Sidebottom  
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North Carolina (Piedmont & Coastal Plains) 1999 Crop Profile  
<http://www.ipmcenters.org/CropProfiles/docs/ncchristmastrees-piedmontcoastalplain.html>

Pales weevils malathion 2% CT

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North Carolina, West Virginia, Tennessee 2003 PMPSP  
<http://www.ipmcenters.org/pmsp/pdf/NCTNVChristmasTree.pdf>

1% CT or less for balsam twig aphid and spruce spider mite in Western NC  
Also controls bagworms, aphids, eastern spruce gall adelgid, pine bark adelgid, pine root collar weevil, white pine weevil, Pales weevil, red headed pine sawfly, black headed pine sawfly

Jill Sidebottom

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Michigan PMSP 2001  
<http://www.ipmcenters.org/pmsp/pdf/MICChristmasTree.pdf>

5% CT blue spruce  
pine tortoise scale, aphids

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Please do not hesitate to contact me if you have any questions or comments.

Best regards,

Teung

[Teung F. Chin, Ph.D.](#)  
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