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## Nicotine Use Request -- Pacific Northwest

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Wilfred and Colwell -- [Attached](#) (PDF\* 38K) please find the PNW Workgroup's response to your inquiry regarding the use of nicotine. I hope you find this information useful. -- Jane

[Jane M. Thomas](#)  
[Pacific Northwest Comment Coordinator](#)  
[Pesticide Notification Network Coordinator](#)  
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Richland, WA 99354  
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The Western IPM Center is headquartered in the UC Agriculture and Natural Resources Building at 2801 Second Street, Davis, CA 95618.



May 25, 2007

Ref: 2007-6-1

Colwell S. Cook  
US Environmental Protection Agency  
7503C USEPA Headquarters Ariel Rios Building  
1200 Pennsylvania Avenue, NW  
Washington, DC 20460

I am responding to your inquiry, forwarded to me from Rick Melnicoe, Director of the Western Integrated Pest Management Center (WIPMC), on February 21, 2007, regarding use of nicotine. I am responding for six states in the WIPMC's Pacific Northwest Workgroup: Alaska, Idaho, Montana, Oregon, Utah, and Washington.

There is only one commercial nicotine product, Fulex Nicotine Fumigator, registered for use in Idaho, Oregon, Utah, and Washington. This product is not registered for use in Alaska or Montana. Of the people I contacted, see attached list, only two (see details below) reported using nicotine. All the other greenhouses I spoke to were no longer using nicotine.

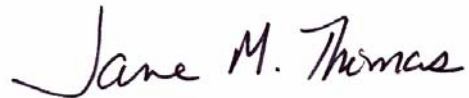
One greenhouse uses nicotine to the control of thrips and aphids in germination or cooling chambers. These chambers were described as semi trailer boxes that hold either seeds being germinated or plant plugs. In this case nicotine use is limited to situations where the nursery can assure the safety of the application with positive control of the area being fumigated. Nicotine continues to be the control of choice because of its effectiveness.

The other nicotine use described to me was for the control of Western flower thrips in nursery stock plants used for propagation. In this case nicotine is used in the May to September time frame where the nursery will make three applications at five day intervals. Good insect control is important because the nursery must meet high cleanliness standards for the material that they are selling to other nurseries. The control of Western flower thrips is especially critical because of the thrips vector disease. For this nursery, the use of nicotine fumigation is important because it provides reliable control with a method that doesn't require foliage or flowers to be wetted, a consideration for plants such as verbena that are susceptible to mildew. Nicotine fumigation allows for uniform coverage, often difficult to accomplish when using a spray on older stock plants that have a more convoluted growth pattern. One other consideration for choosing to fumigate with nicotine is that some of the available alternatives, for example OHP's Marathon 1% Granular, limit use on certain stock plants to once a year. To adequately control Western

flower thrips, more than one application per year may be necessary. This same nursery also uses nicotine to control late infestations of aphids and thrips on finishing floral material, such as hanging baskets, during the April to June period. For this control they use two applications one week apart.

I hope that you find this information useful. I have attached a contact list for your use should you have further questions.

Sincerely,

A handwritten signature in black ink that reads "Jane M. Thomas". The signature is written in a cursive, flowing style.

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Nicotine: Use Information

Last Name:	First Name:	Organization:	Title:	Work Ph:	Email:	Responsible State:
Bagby	Samantha	Oregon Pride Nursery		(503) 472-9147	orpride@aol.com	Oregon
Harris	Susan	Moss Greenhouse	Production Manager	(208) 324-1000	susan.harris@mossgreenhouses.com	Idaho
Hughes	Howard	Howard Hughes Greenhouse	Owner	(208) 773-1606	hhughes_hughesgreenhouses@msn.com	Idaho
Kratsch	Heidi	Utah State University	Extension Ornamental Horticulture Specialist	(435) 797-8124	heidik@ext.usu.edu	Utah
Matlock	John	Northwest Shade Trees LLC	Crop Protection Manager	(971) 235-4126	John@shadetrees.com	Oregon
Monnie	Garnet	Edwards Greenhouse	Owner	(208) 342-7548	edwardsgh@qwest.net	Idaho
Pettit	John	Steuber Distributing	Sales Manager	(360) 568-2626	steuberdistributing@yahoo.com	Washington
Poncelet	Janet	UAP Professional Products	Territory Manager	(503) 663-0164	janet.poncelet@uap.com	Oregon
Porter	Franki	Wilbur-Ellis	Sales Representative	(800) 275-6920	fporter@wecon.com	Washington
Rosetta	Robin	Oregon State University	Extension Horticulturist	(503) 678-1264	robin.rosetta@oregonstate.edu	Oregon
Rundle	Ken	Molbak's	Grower	(425) 398-5367		Washington
Sagers	Larry	Utah State University	Horticulture Agent	(801) 768-4919	larrys@ext.usu.edu	Utah
Seidler	John	Siskiyou Greenhouses Inc.	Owner	(541) 592-4130	sisgreen@earthlink.net	Oregon
Tripepi	Bob	University of Idaho	Research Faculty	(208) 885-6635	btripepi@uidaho.edu	Idaho
Vanhoozer	Greg	Flora Company	Front Office Manager	(208) 229-4477	gvanhoozer@floracompany.com	Idaho
Lanier	Will	Montana State University	Western IPM Center State Liaisons/Representatives	(406) 994-5690	wlanier@montana.edu	Montana
Daniels	Catherine	Washington State University		(509) 372-7495	cdaniels@tricity.wsu.edu	Washington
Deer	Howard	Utah State University		(435) 797-1602	howardd@ext.usu.edu	Utah
Hirnyck	Ronda	University of Idaho		(208) 364-4046	rhirnyck@uidaho.edu	Idaho
Jahns	Tom	University of Alaska Fairbanks		(907) 262-5824	fftrj@uaf.edu	Alaska
Jenkins	Jeff	Oregon State University		(541) 737-5993	jenkinsj@ace.orst.edu	Oregon