

Request for Information on Pesticide Applications Remaining in 2003 for Washington

Date: Friday, August 29, 2003

To: [Burlison Smith](#), USDA

From: Jane M. Thomas

Subject: Request for Information on Pesticides Use Remaining in 2003 for Washington regarding [Washington Toxics coalition case](#)

Initial information:

Washington state's response for information on [necessary pesticide applications for the remainder of 2003](#) (PDF 146K) for the pesticides named in the Washington Toxics coalition case.

Additional information:

More tree fruit uses

First - 1,3-Dichloropropene (Telone) is the soil fumigant that is replacing methyl bromide. The tree fruit (apple, pear, sweet cherry, apricot, nectarine, peach, and plum) growers will need to use this compound this fall for the control of replant disease. Treatment for replant disease can be done in either the spring or the fall but the preferred practice is to treat in the fall because the growers get better control at this time. Note that fumigation is done by trained professionals who are hired by growers. Having an effective control for replant disease available this fall is very important to the tree fruit growers in our state.

Second - Tree fruit growers continue to need to make herbicide applications in the fall. Diuron (Karmex, Direx, Krovar) is used on pears and apples while oryzalin (Surflan) is used on all the tree fruits.

Thank you again for the opportunity to supply information.

[Jane M. Thomas](#)

Pacific Northwest Coalition Comment Coordinator

Pesticide Notification Network Coordinator

Pest Management Resource Service

Washington State University Tri-Cities

2710 University Drive

Richland, WA 99352

Phone: 509-372-7493

Fax: 509-372-7491



September 5, 2003

Burleson Smith
United States Department of Agriculture
1400 Independence Avenue SW
202 Whitten Building
Washington, DC 20250

Attached is the response from Washington State to your request for information on necessary pesticide applications for the remainder of 2003 for pesticides named in the Washington Toxics Coalition case. This request was forwarded to us from Rick Melnicoe, the director of the Western Region Pest Management Center, in an e-mail dated Friday, August 29, 2003. We hope that you will find this information useful. If you would like more detailed information on any of the listed uses, please feel free to contact me or one of the people who supplied the information (phone numbers are provided for each of the contacts in the notes section of the attached table).

Sincerely,

A handwritten signature in cursive script that reads "Jane M. Thomas".

Jane M. Thomas
Pacific Northwest Coalition Comment Coordinator
Washington State Pest Management Resource Service
Washington State University Tri-Cities
2710 University Drive
Richland, WA 99352
phone: 509-372-7493 fax: 509-372-7491
e-mail: jmthomas@tricity.wsu.edu

**List of "54"
Late 2003 Needed Pesticide Use
in Washington**

Chemical	Uses	Notes
1,3-Dichloropropene		
2,4-D	alfalfa, trees grown for pulp production	1, 5
Acephate (Orthene)		
Alachlor (Alamo, Lasso)		
Atrazine		
Azinphos-methyl (Guthion)		
Bensulide (Prefar, Betasan)		
Bentazon (Basagran, Pledge)		
Bromoxynil (Buctril)	alfalfa, onion seed	1, 3
Captan	winter cereals especially wheat	1
Carbaryl (Sevin)	timothy and orchard grass hays	1
Carbofuran (Furadan)		
Chlorothalonil (Bravo, Echo, Equus, Terranil, Daconil)	potatoes, onion, onion seed	3
Chlorpyrifos (Lorsban, Dursban)	alfalfa	1
Coumaphos (Resistox)		
Diazinon		
Dicamba (Banvel, Weedmaster, Trimec)	grass seed, grass hay	1
Dichlobenil (Casoron, Dyclomec, Norosac)		
Diiflubenzuron (Dimilin)		
Dimethoate (Digon)	alfalfa seed, trees grown for pulp production	1, 5
Disulfoton (Di-Syston)	potatoes	3
Diuron (Karmex, Direx, Krovar)	grass seed	1
Ethoprop (Mocap)		
Fenamiphos (Nemacur)	red raspberries	4
Fenbutatin-oxide (Vendex)		
Iprodione (Rovral)	onion, onion seed	3
Lindane		
Linuron (Lorox)	carrot seed	3
Malathion	timothy and other forage grasses	1
Methamidophos (Monitor)	potatoes	3
Methidathion (Supracide)	timothy	1
Methomyl (Lannate)	alfalfa seed, onions seed	1, 3
Methyl Parathion (Penncap, Declare)		
Metolachlor (Dual, Cinch)		
Metribuzin (Lexone, Sencor)	forage alfalfa	1
Molinate		
Naled (Dibrom)		
Norflurazon		
Oryzalin (Surflan)		
Oxyfluorfen (Goal)	onion seed	3
Paraquat Dichloride (Boa, Gramoxone)		
Pebulate (Tillam)		
Pendimethalin (Prowl, Pendulum)	alfalfa seed, onion seed, over wintered onions	1, 3

Phorate (Thimet)		
Phosmet (Imidan)		
Prometryn (Caparol)	carrot seed	3
Propargite (Omite, Comite)	potato	3
Simazine (Princep)	caneberries	2
Tebuthiuron (Spike)		
Terbacil (Sinbar)		
Thiobencarb		
Thiodicarb		
Triallate (Far-go)		
Triclopyr (Garlon)		
Trifluralin (Treflan, Snapshot, Team)	trees grown for pulp production	5

Notes:

1. The following information was received in a 9/2/03 e-mail from John Kugler, WSU, 509-754-2011:

- 2,4-D - Used in taking out old stands of alfalfa.
- Bromoxynil - For use in new seedings of alfalfa.
- Captan - General seed coating for winter cereals, especially wheat.
- Sevin - Cutworm management in timothy and orchardgrass hays.
- Chloropyrifos - Aphid control in fall-planted alfalfa.
- Dicamba - For use in grass seed and grass hay fall weed management.
- dimethoate - Cleanup spray for alfalfa seed.
- Diuron - Fall grass seed weed management.
- Malathion - Cutworm control in timothy and other forage grasses.
- Methidathion - Fall mite control in timothy.
- Methomyl - Weevil control in new alfalfa seed plantings.
- Metribuzin - Dormant applied weed management for forage alfalfa.
- Pendimethalin - Dodder control in alfalfa seed.

2. The following was received in a 9/2/03 e-mail from Joe DeFrancesco, OSU, 541-737-0718:

"For example, caneberry growers might use simazine in October 2003 but the crop, of course, won't be harvested until July 2004..."

3. The following is from a 9/4/03 conversation with Gary Pelter, 509-754-2011:

- Bromoxynil (Buctril) - Onion seed - Fall application for general weed control.
- Chlorothalonil (Bravo, Echo, Equus, Terranil, Daconil) - Potatoes - Used as long as there are green vines for late blight control.
- Chlorothalonil (Bravo, Echo, Equus, Terranil, Daconil) - Onion & onion seed - Used for botrytis control in onion seed and in those onions that have not yet been harvested.
- Disulfoton (Di-Syston) - Potatoes - Used for late season aphid management.
- Iprodione (Rovral) - Onion & onion seed - Used for botrytis control.
- Linuron (Lorox) - Carrot seed - General fall weed control. This is the only wide-spectrum herbicide available.
- Methamidophos (Monitor) - Potatoes - This is the material of choice for late season aphid control.
- Methomyl (Lannate) - Onion seed - Thrips control.
- Oxyfluorfen (Goal) - Onion seed - General late season weed control, often applied with Buctril.
- Pendimethalin (Prowl, Pendulum) - Onion seed & over wintered onions - Last herbicide, applied for the control for winter annual weeds late in fall.

- Prometryn (Caparol) - Carrot seed - Often applied with Lorox for broadleaf weed control.
 - Propargite (Omite, Comite) - Potato - Used for mite control in potatoes. This is the only product available beside Acramite 4L SC which was granted a Section 18 crisis exemption but as yet has no tolerance.
4. The following was submitted by Brian Cieslar, Maberry Farms, 360-354-1293, in a 9/2/03 e-mail:
" ...red raspberries will require a post-plant, dormant application of fenamifos (Nemacur) this winter, deadline Dec. 31, for root lesion nematodes. The acreage will be determined by soil analysis this summer and fall, but I would estimate about 10% of Whatcom County's 6500 acres will be treated with 1 gallon per acre. Nemacur is the only labeled material that will control this pest in established raspberries."
 5. The following was received from Alan Kottwitz of Boise Fiber Farms, 509-544-6537, in a 9/2/03 e-mail:

"I intend to use 2,4D, Trifluralin and Dimethoate during the balance of this year."

Request for Information on Pesticide Applications Remaining in 2003 for California and the Pacific Northwest

Date: Friday, August 29, 2003

To: Rick Melnicoe

From: Burleson Smith, USDA

Subject: Request for Information on Pesticides Applications Remaining in 2003 for California and the Pacific Northwest

As a result of the Washington Toxics Case, 54 pesticides used in California and the Northwest will potentially receive additional buffer requirements for ground and aerial applications. I have attached a [one-page summary](#) listing the 54 active ingredients.

My question for you is to determine what crops are in the field that may still require one or more applications of these 54 active ingredients prior to the end of 2003. The judge has recognized that eliminating any sprays necessary to harvest a crop in the field could have devastating consequences on this year's crop, so he has agreed to take input from USDA regarding when to implement his order to impose spray setback buffers.

The areas affected are the Northern Coastal areas of California, Klamath, and most of Oregon, Washington and Idaho (Columbia/Snake River drainage areas and Oregon/Washington coasts). A [map](#) that was published in the Seattle Times is attached for your information.

Let me know how you would propose that we could go about getting this information by the end of next week.

Call me on my cell phone (202-215-2149) if you have any questions about this request.

[Burleson Smith](#)

United States Department of Agriculture

1400 Independence Avenue SW

202 Whitten Building

Washington DC 2020

Pesticide Active Ingredients Subject To Washington Toxics Coalition Lawsuit
(as of July 1, 2003)

Active ingredient
1,3-Dichloropropene
2,4-D
Acephate (Orthene)
Alachlor (Alamo, Lasso)
Atrazine
Azinphos-methyl (Guthion)
Bensulide (Prefar, Betasan)
Bentazon (Basagran, Pledge)
Bromoxynil (Buctril)
Captan
Carbaryl (Sevin)
Carbofuran (Furadan)
Chlorothalonil (Bravo, Echo, Equus, Terranil, Daconil)
Chlorpyrifos (Lorsban, Dursban)
Coumaphos (Resistox)
Diazinon
Dicamba (Banvel, Weedmaster, Trimec)
Dichlobenil (Casoron, Dyclomec, Norosac)
Diflubenzuron (Dimilin)
Dimethoate (Digon)
Disulfoton (Di-Syston)
Diuron (Karmex, Direx, Krovar)
Ethoprop (Mocap)
Fenamiphos (Nemacur)
Fenbutatin-oxide (Vendex)
Iprodione (Rovral)
Lindane
Linuron (Lorox)

Active ingredient
Malathion
Methamidophos (Monitor)
Methidathion (Supracide)
Methomyl (Lannate)
Methyl Parathion (Penncap, Declare)
Metolachlor (Dual, Cinch)
Metribuzin (Lexone, Sencor)
Molinate
Naled (Dibrom)
Norflurazon
Oryzalin (Surflan)
Oxyfluorfen (Goal)
Paraquat Dichloride (Boa, Gramoxone)
Pebulate (Tillam)
Pendimethalin (Prowl, Pendulum)
Phorate (Thimet)
Phosmet (Imidan)
Prometryn (Caparol)
Propargite (Omite, Comite)
Simazine (Princep)
Tebuthiuron (Spike)
Terbacil (Sinbar)
Thiobencarb
Thiodicarb
Triallate (Far-go)
Triclopyr (Garlon)
Trifluralin (Treflan, Snapshot, Team)

Salmon waterways may gain new no-spray zones

A federal judge is proposing no-spray buffer zones for pesticides along West Coast streams that are home to threatened or endangered salmon and steelhead. The size of the buffers as well as what chemicals will be covered is expected to be determined later this year. In Washington these streams could be affected.



Sources: StreamNET Database submitted by U.S. Environmental Protection Agency in U.S. District Court