



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".

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**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."