

**United States Department of Agriculture
Agricultural Marketing Service, Science & Technology
Pesticide Data Program**

SOP No.: PDP-QC-13 Pears		Page 1 of 7
Title: Commodity Specific Requirements for Pears		
Revision: 6	Replaces: 04/01/04	Effective: 07/01/04

1. Purpose:

To provide a listing of PDP identified required compounds for pears.

2. Scope:

This standard operating procedure shall be followed by all laboratories analyzing pears for PDP. This SOP shall be used in conjunction with SOP PDP-QC-13 which specifies procedures for selecting marker compounds and process controls and identifies PDP commodity groupings.

3. References:

- PDP Program Plan July – December 2003
- SOP PDP-QC-13, “Required Compounds, Marker Pesticides, Process Control Compounds, and PDP Commodity Groupings”
- Pesticide Chemical News Guide

4. Specific Procedures:

This standard operating procedure (SOP) represents minimum PDP requirements and is presented as a general guideline. Each laboratory shall have written procedures that provide specific details concerning how the procedure has been implemented in that laboratory.

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Compounds Required for Pear Multi Residue Screens

Pear Compound	Reported As	Pest Code	Priority
Acephate		204	3
Aldrin		001	3
Allethrin		002	1
Azinphos methyl		042	3
Bendiocarb		658	2
BHC alpha		903	3
Bifenazate ¹		ADF	4
Bifenthrin ²		930	1
Captan		011	3
Carbaryl		102	2
Chlordane	Chlordane cis	173	3
	And Chlordane trans	172	
	Or Chlordanes total	014	
Chlorpyrifos		160	3
Clofentezine ¹		699	4
Cyfluthrin		781	1
Cyhalothrin	Cyhalothrin, lambda and cyhalothrin R157836 epimer, or Cyhalothrin, total (L-cyhalothrin + R157836 epimer)	AEM AEN AEL	1
Cypermethrin		597	1
Cyprodinil		B22	3

1 Required only on samples received by CA1 from CA and MD. Analysis by FL1 on samples received from CO, FL, MI, NY, OH, TX, WA, and WI is not required.

2 Required only on samples received by FL1 from CO, FL, MI, NY, OH, TX, WA, and WI. Analysis by CA1 on samples received from CA and MD is not required.

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Pear Compound	Reported As	Pest Code	Priority
DDD	DDD o,p'	909	3
	And/or DDD p,p'	908	
	Or DDD (total)	087	
DDE	DDE o,p'	911	3
	And/or DDE p,p'	910	
	Or DDE (total)	300	
DDT	DDT o,p'	907	3
	And/or DDT p,p'	906	
	Or DDT (total)	022	
Deltamethrin (includes parent tralomethrin)		612	1
Diazinon		024	3
Diazinon O-analog		395	3
Dichlobenil		324	3
Dicofol	Dicofol o,p'	253	3
	And/or Dicofol p,p'	254	
	Or Dicofol (total)	047	
Dieldrin		028	3
Diflubenzuron ¹		651	4
Dimethoate		171	3
Diuron ¹		032	4
Endosulfan I		900	3
Endosulfan II		901	3
Endosulfan sulfate		902	3
Esfenvalerate	Fenvalerate+Esfenvalerate (total combined)	ADE	1
Fenarimol		271	3
Fenpropathrin		808	1
Fluridone ¹		736	3
Heptachlor		044	3
Heptachlor epoxide		143	3

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Pear Compound	Reported As	Pest Code	Priority
Imidacloprid		967	4
Indoxacarb ²		ADG	2
Lindane		050	3
Malathion		052	3
Malathion O-analog		208	3
Methamidophos		170	3
Methidathion		197	3
Methomyl		159	2
Napropamide ¹		594	3
Norflurazon		596	3
Norflurazon desmethyl		720	3
Omethoate		178	3
o-Phenylphenol		083	3
Oryzalin ²		737	2
Oxamyl		537	2
Oxamyl oxime ²		A47	2
Oxydemeton methyl sulfone		245	3
Oxyfluorfen		713	3
Permethrin	Permethrin cis and Permethrin trans or Permethrin (total)	222 223 539	1
Phosalone		166	3
Phosmet		165	3
Piperonyl butoxide		070	2
Prallethrin ¹		ADC	1
Pronamide (propyzamide)		540	3
Propetamphos		636	3
Pyridaben ¹		ABL	3
Pyriproxyfen		B24	3
Resmethrin		556	1
Simazine		149	3

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Pear Compound	Reported As	Pest Code	Priority
Tebufenozide		ABG	3
Tetradifon		108	3
Tetrahydrophthalimide (THPI)		624	3
Thiabendazole		157	3
Triadimefon		608	2
Triflumizole		A61	3

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6-14-04

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6-18-04

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