

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

SOP No.: PDP-QC-13Z		Page 1 of 5
Title: Commodity Specific Requirements for Onions		
Revision: 1	Replaces: 01/01/02	Effective: 04/01/02

1. Purpose:

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

2. Scope:

This standard operating procedure shall be followed by all laboratories analyzing onions for PDP. This SOP shall be used in conjunction with QC-13 which identifies commodity groupings for selected/single screens, validation purposes, and approved process controls.

3. Outline of Procedure:

- 5.1 Compounds Required for Onion Multi Residue Screens
- 5.2 Marker Pesticides for Onion Multi Residue Screens

4. References:

- PDP Program Plan July – December 2001
- SOP PDP-QC-13, “Required Compounds, Commodity Groups, and Marker Pesticides”, revision 8, October 1, 2001
- Pesticide Chemical News Guide
- Federal/State Meeting, October 26-28, 1999

5. 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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SOP No.: PDP-QC-13Z		Page 2 of 5
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5.1 Compounds Required for Onion Multi Residue Screens

Onion Compound	Reported As	Pest Code
Azinphos methyl ¹		042
Captafol		174
Chlorpyrifos		160
Cyfluthrin		781
Cypermethrin		597
DCPA		134
DDE	DDE o,p'	911
	And/or DDE p,p'	910
	Or DDE (total combined)	300
Deltamethrin ¹		612
Diazinon		024
Diazinon O-analog		395
Dichlorvos		338
Dicloran		144
Dieldrin		028
Fenvalerate/Esfenvalerate	Fenvalerate	546
	And Esfenvalerate	714
	Or Fenvalerate (total combined)	546
Fludioxonil		B23
Heptachlor epoxide		143
Lambda cyhalothrin		A39
Malathion		052
Malathion O-analog		208
Parathion		065
Parathion O-analog		370
Prallethrin		ADC
Propetamphos		636
Resmethrin		556

¹ Required only on samples received by MI1 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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SOP No.: PDP-QC-13Z		Page 3 of 5
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5.2 Marker Pesticides for Onion Multi Residue Screens

DDE p,p'

Diazinon

Dicloran



