



# PRIMARY INDUSTRIES AND RESOURCES SOUTH AUSTRALIA

## 1. Purpose

This protocol describes the procedures for monitoring Western Flower Thrips (WFT) in glasshouse and outdoor crops to permit export of plant material for export to Tasmania under grower declaration.

## 2. Scope

The protocol covers monitoring for Western Flower Thrips in nursery stock, cut flowers and leafy vegetables produced on the property and packed for export to Tasmania.

## 3. References

Information leaflets:

- Managing WFT in Greenhouse and Field Crops (HRDC Pub).
- Is WFT in your Crop? (HRDC Pub)

## 4. Accreditation of the Business

The Business can apply to Primary Industries and Resources South Australia (PIRSA) for accreditation to undertake a WFT monitoring program by completing the attached form (Appendix 1) and returning it to PIRSA.

The business shall nominate a Monitoring Co-ordinator to oversee and perform the monitoring program and a Certification Controller to sign declarations to accompany material to Tasmania.

## 5. Training

The monitoring Co-ordinator should undertake a short course on pest identification. Accreditation is not required if all traps are inspected by PIRSA or a third party provider approved by PIRSA.

## 6. Approval of Accreditation

A property must be either physically inspected by a PIRSA inspector or an authorised third party provider or trapped for two weeks before being approved. The trap examination and identification service is to be provided by South Australian Research and Development Institute (SARDI) Entomology group on a fee for service (see appendix 3).

## 7. Trap Numbers

The number of traps required to trap a property depends on the total area of field blocks and the total area of green/polyhouses as shown in the following table:

Field Blocks		Green/Poly Houses	
Total Area (hectares)	No. of Traps	Total Area (M <sup>2</sup> )	No. of Traps
<0.5	6	0 – 200	1
0.5 – 1	10	200 – 500	2
1 – 5	12	500 – 1000	4
5 – 10	15	1000 – 5000	6
>10	20	5000 – 10000	10
		10000 >	15

The numbers are based on the total area under production. Where the number of blocks or green/polyhouses in use exceeds the minimum number of traps required, the traps should be rotated between locations when each set of traps is replaced.

Priority should be given to placing the traps among plants being, or soon to be harvested or dispatched.

## 8. Frequency of Inspection

Traps on properties and green/polyhouses are to be replaced and inspected every four weeks during the winter period (May 1 to Sept 30) and every two weeks during the summer period (Oct 1 to April 30). Traps in artificially heated green/polyhouses are to be replaced every two weeks all year round.

The trapping program will be preformed by the Monitoring Co-ordinator and/or deputies. Traps must be sent to SARDI Entomology for inspection immediately following collection.

## 9. Records

The Monitoring Co-ordinator must keep a record of the trapping results (see Appendix 2).

The Monitoring Co-ordinator must keep all reports of pest identification and ensure that these are cross-referenced to the trapping records.

## 10. Certification

Accredited material must be accompanied by grower declarations detailing the grower accreditation number(s) and quantities of material in the consignment. The declaration must be signed by the Certification Controller and have the following endorsement.

“Originates from an accredited property which was monitored and the product packed in accordance with the Western Flower Thrips Protocol for export of Plant Material to Tasmania”.

The Certification Controller for audit purposes must file a log of all consignments exported with declarations and copies of declarations.

Where an exporter is sending a mixed consignment, each grower line must be covered by a declaration or be certified by PIRSA. Copies of all grower declarations and certificates must be filed by the exporter for audit purposes.

## **11. Packing**

Accredited material must remain segregated from non accredited material during packing and transport. Each package containing accredited material must be identified as such.

## **12. Audit Purposes**

The trapping program will be audited by PIRSA as follows:

- for green/polyhouse and field crops every 8 weeks in the summer period and 16 weeks during the winter period (approximately 4 per year).

The audit will include inspection of trap placement on the property; verification of trapping and pest identification records and examination of a selection of used traps.

PIRSA will also audit records of declarations. Audits may be unannounced.

Records of these audits will be kept by PIRSA.

The program will be subjected to periodic checks by a Quarantine Officer from Agriculture Victoria and the Department of Primary Industries and Fisheries Tasmania.

# APPENDIX 1

## PRIMARY INDUSTRIES AND RESOURCES SOUTH AUSTRALIA

Application for Accreditation to Monitor Crops for Western Flower Thrips

### 1. Business Details

Name of Business		
Address		
Contact Number	Phone:	Fax:

Location of Properties	

### 2. Nominated Persons to Perform Monitoring and Sign Declaration

Monitoring Co-ordinator	Name:	
Deputy	Name:	
Certification Co-ordinator	Name:	Signature:
Deputy	Name:	Signature:

### 3. Summary Details of Crops and Green/Polyhouses to be Monitored.

Maps detailing each trap location to be drawn up and maintained by each grower.

### 4. Other details (please tick)

#### **Does the Business:**

Import plant material from interstate

Import from local nurseries

Buy seedlings for propagation

Grow own seedlings for propagation

Pack material from other nurseries at the premises

Consign mixed grower lots to Victoria      Tasmania

### 5. Declaration

On behalf of the Business I hereby make application for accreditation to monitor the crops and green/polyhouses stated above for WFT and to make declarations for consignment of plant material to Victoria / Tasmania and agree to the conditions detailed in the protocol attached to this Application.

Name: (Owner)	Signature	Date
---------------	-----------	------

### 6. Approval

Protocol approved (signature).....Date.....

Program Leader, SQIS

**Return to: Program Leader, State Quarantine Inspection Service, Primary Industries and Resources South Australia, 46 Prospect Rd, Prospect 5082**  
**Fax: (08) 8344 6033, Ph 1300 666 010.**



## APPENDIX 3

# INFORMATION SHEET

The sticky traps for monitoring of Western Flower Thrip can be purchased from:

James Altman Bio services, Loxton. Telephone 085 846977

Sizes: 25 cm x 20 cm @ \$1.50 each  
10 cm x 15 cm @ \$4.00 for pack of 5

Carr and Nelson Pty Ltd, 22 King William Street, Kent Town. Telephone 8362 4549

Size: 10 cm x 15 cm @ \$30.00 for pad of 10. Each pad contains 5 sticky sheets.

Traps requiring examination and identification must be sent to:

Postal Address: Entomology Unit  
SARDI  
GPO Box 397  
Adelaide SA 5001

Delivery Address: Entomology Unit  
SARDI  
Waite Supply Store  
Hartley Grove  
Urrbrae SA 5064

Parcels are to be marked as **URGENT** and accompanied by a letter requesting identification (see appendix 4). The results of the identification will be faxed back to you and the original letter will be sent to the Pest Eradication Unit where it will be held on file for auditing purposes.

Cost of inspection will be \$6.00 per trap (trap size: 10 cm x 15 cm)



**PRIMARY INDUSTRIES AND RESOURCES  
SOUTH AUSTRALIA**

**APPENDIX 4**

Ken Henry and Gabriella Caon  
Entomology Unit  
SARDI  
GPO Box 397  
Adelaide SA 5001

**Re: Western Flower Thrip**

Dear Ken Henry and Gabriella Caon,

Please find enclosed WFT traps for identification which were collected on

.....from.....  
**(Date)** **(Address of Property)**

Specimens are numbered and identified for your reference. Your earliest identification and reply would be appreciated.

<b>Name of Property</b> .....			
<b>Trap No</b>	<b>Identification</b>	<b>Trap no.</b>	<b>Identification</b>

**Samples identified by**.....**Date**.....

**Regards**

.....



**PRIMARY INDUSTRIES AND RESOURCES  
SOUTH AUSTRALIA**

**ACCREDITED GROWER/PACKER DECLARATION**  
Declaration to accompany produce sent to Tasmania

I/We, (Grower Name).....

(Address).....

..... Phone .....

**WFT PROPERTY ACCREDITATION NO (IP No.).....,**

declare that the contents of this consignment, consisting of:

<b>Produce Type</b>	<b>Quantity</b>

***Consigned to:***

(Name).....

(Address).....

.....Phone .....

**Originates from an accredited property which has been monitored and the product packed in accordance with the Western Flower Thrips Protocol for Export of Plant Materials to Tasmania.**

Name of Authorised Person.....

Signature of Authorised Person.....Date.....