

Report of the Meeting of the Technical Panel on pest free areas and systems approaches for fruit flies, Bangkok, 20-24 September 2004 (final version 09/06/2005)

Present:

Walther Enkerlin	Joint FAO/IAEA Division of Nuclear Techniques in Food and Agriculture, Austria
Jose Fernandes	Portugal
John Hedley	New Zealand (Chair of the meeting)
Aldo Malavasi	Brazil
Watchreeporn Orankanok	Thailand (Host)
Odilson Ribeiro e Silva	Brazil (Steward)
Alies van Sauers-Muller	Suriname
Tan Keng Hong	Malaysia
Kenji Tsuruta	Japan
Jane Chard	UK (IPPC Secretariat)
Brent Larson	Italy (IPPC Secretariat)

Introduction

Mr Hedley was elected as chair of the meeting and the Technical Panel (TP) members introduced themselves. Mr Larson gave a brief presentation on the IPPC, with particular emphasis on the standard setting process; Mr Ribeiro e Silva introduced the specification and explained the aims of the meeting and Mr Enkerlin explained the work of the FAO/IAEA joint Division, particularly relating to fruit fly control.

The TP reviewed the documents supplied at the meeting, including ISPM No. 4 (*Requirements for the establishment of pest free areas*), NAPPO RSPM No 17 (*Guidelines for the establishment, maintenance and verification of fruit fly pest free areas in North America*) and the FAO/IAEA publication entitled “*Trapping Guidelines for area-wide fruit fly programmes*”. The TP also considered the outcome of the 5th meeting of the working group on fruit flies of the Western Hemisphere, held in Florida in May 2004 and an Australian document on pest free areas for medfly and Queensland fruit fly.

The TP noted that, for fruit flies, the establishment of an area of low pest prevalence (ALPP) was an essential prerequisite before a systems approach could be adopted. The TP therefore proposed modifications to the specification for the TP to take this into account (Annex 1). However, as the draft standard on “*Requirements for the establishment, maintenance and verification of areas of low pest prevalence*” was at the country consultation stage and might undergo considerable change before adoption at the ICPM, it was not regarded as appropriate to consider it further at the meeting. Once adopted, the standard should form a good basis for drafting a fruit fly-specific standard on ALPPs.

Work programme

The TP discussed the work programme for the next year and decided that the first priority was to draft a standard on “*Requirements for the Establishment and Maintenance of Pest Free Areas for Tephritid Fruit Flies*”, with subsequent priorities being drafting of two standards (on areas of low pest prevalence for fruit flies and systems approaches for fruit flies). The proposed work programme is given in Annex 2.

Draft specifications for the proposed standards were produced for consideration by the Standards Committee (SC) at the meeting in November 2004.

A draft standard on “*Requirements for the Establishment and Maintenance of Pest Free Areas for Tephritid Fruit Flies*” was produced by the TP, based on ISPM No. 4 and NAPPO RSPM No. 17. The priority species of fruit fly were listed and included as Annex 1 of the draft standard. The TP agreed to review and amend the draft over the following 2-3 months and submit it to the SC for its meeting in April 2005.

In order to progress with drafting a standard on ALPP for fruit flies and to initiate discussion on systems approaches for fruit flies, the TP recommended that a consultant was funded for several months. The TP proposed that the terms of reference should include production of a draft standard on areas of low pest prevalence for fruit flies and a discussion document on systems approaches for fruit flies.

The TP proposed that an expert working group (EWG) draft a standard on systems approaches for fruit flies, using the document to be produced by the consultant as a basis for discussion. The TP proposed that this EWG meeting should be timed to correspond with an existing FAO/IAEA International Conference on Area Wide Pest Management in Vienna in May 2005 because many of the experts in the field would already be present.

The TP suggested that the Agenda for the next meeting should include reviewing two draft standards (on ALPPs and on systems approaches for fruit flies). It was also proposed that the TP should evaluate an FAO/IAEA document “*Guidelines on Fruit Sampling*” for its suitability as an ICPM explanatory document. This document was to be produced by a consultants group in May 2005, taking into account guidelines to be included in Annex 3 of the draft standard on pest free areas for fruit flies.

Mechanism for working and TP composition

The TP discussed the mechanism for working and decided that they would use a work area on the IPPC web site to share documents and to communicate by email correspondence.

After considering the composition of the panel, the TP recommended that there should be a core group of general fruit fly experts with the following expertise:

- Systems approaches for fruit flies
- Implementing PFA & ALPP for fruit flies
- Regulatory experience on fruit flies

The TP also recommended that the core group should have experts:

- with expertise in two different genera of fruit fly
- with experience in implementing fruit fly programs
- from at least two different geographic regions
- with experience with the ICPM standard setting process
- who are proficient in English

The TP further recommended that specialists should be involved in TP meetings and email consultations as required, depending on the topic.

The TP recommended that, where the other technical panels set up under the SC required information on fruit flies (for example experts to draft diagnostic protocols or treatment protocols), the fruit fly technical panel could provide appropriate contacts in the relevant fields.

SPECIFICATION FOR TECHNICAL PANELS NO. 2

(REVISED BY TP, 20-09-04 (revisions indicated in red))

Title: Technical Panel on pest free areas and systems approaches for fruit flies.

Reason for the Technical Panel: ICPM-6 identified the need for the formation of a Technical Panel on pest free areas and systems approaches for fruit flies.

Scope and purpose: In order to establish the technical requirements for the recognition of fruit flies pest free areas and systems approaches, a panel of fruit fly experts will be established to review scientific and technical data.

Tasks:

- Identify the most important fruit fly pest species for priority work.
- Identify case studies that could act as good examples for establishment of pest free areas and systems approaches for fruit flies.
- Develop standardized procedures by fruit fly species to establish fruit flies pest free areas, **fruit flies areas of low pest prevalence** and systems approaches, including collection of adequate information, surveys, detection and identification techniques, emergency measures to protect free areas and maintain systems approaches, evaluation, approval, and suspension procedures for fruit flies pest free areas.
- Develop a process, identify criteria needed, set up a protocol and define an evaluation method for the submission of research information.
- Establish the technical requirements for the recognition of fruit flies pest free areas, **fruit flies areas of low pest prevalence** and systems approaches, taking into account adequate biological and climatic parameters, applicability and recognition requirements.
- Develop a procedure to consult with international specialists to exchange information about fruit flies.
- Identify measures to be integrated in systems approaches for different species of fruit flies.
- Analyse the feasibility of the measures recommended and evaluate the cost/benefit of the measures, their technical justification and their relationship with the identified risk.
- Consider the relationship between the draft documents proposed and currently approved ISPMs relevant for this subject.
- Determine measures to be integrated in systems approaches for different species of fruit flies, considering the feasibility of the measures recommended and selecting the least trade restrictive.
- Submit draft standards to the SC including, where appropriate, for fast-track approval.

Provision of resources: Funding for meetings is provided by the regular programme of the IPPC Secretariat (FAO) except where expert participation is voluntarily funded by the expert's government.

Proposed work programme: To be determined.

Steward: Odilson Ribeiro e Silva.

Collaborator: To be determined.

Expertise: 5-7 international phytosanitary experts that have interest and expertise in relevant aspects of quarantine, control and risk management of fruit flies.

Participants: To be determined.

Approval: Introduced into the work programme by the ICPM at its Sixth Session in 2004, specification approved by the Standards Committee, April 2004.

References: Relevant ISPMs; regional standards; national programs on fruit fly pest free areas and systems approaches; IAEA documentation.

Technical Panel on pest free areas and systems approaches for fruit flies

PROPOSED WORK PROGRAMME

2004	
Oct	30 Oct - Secretariat to send out draft standard and other documents produced at the meeting to TP meeting participants
Dec	1 Dec. - Draft standard on pest free areas for Tephritid fruit flies (FF-PFA) and 4 Annexes done and out for consultation to TP 30 Dec. - Comments due on draft standard on FF-PFA and Annexes.
2005	
Jan	15 Jan. - Finalize comments on FF-PFA and Annexes and submit to SC Hire consultant to write draft standard on areas of low pest prevalence for fruit flies (FF-ALPP) and to produce a discussion paper on systems approaches for fruit flies (FF-Systems Approach).
Feb	
Mar	15 Mar. – Draft FF-ALPP and FF-Systems Approach discussion paper due. 20 Mar. – Draft FF-ALPP and FF-Systems Approach discussion paper submitted to TP for review.
April	25-29 April - SC meeting (hopefully) approves draft FF-PFA for country consultation in 2005. 30 Apr. – Comments due from TP on draft standard on FF-ALPP and FF-Systems Approach discussion paper.
May	23-27 May (Vienna) – FAO/IAEA joint Division consultants meeting to prepare “ <i>Detailed Fruit Sampling Guidelines</i> ”. Experts asked to look at the Annex 3 of the FF-PFA draft and provide input into country consultation. (Timed to coincide with IAEA International Conference on Area Wide Pest Management).* 23-25 May (Vienna) – ICPM expert working group (EWG) meeting to develop draft standard on Systems Approaches for fruit flies.*
June	30 June – Draft standard on fruit fly systems approach finalized by EWG and sent to TP for comments.*
July	
Aug	
Sept	19-23 Sept. - TP meet (Cape Town or Costa Rica) Agenda: finalization of FF-ALPP and FF-Systems Approach draft standards and review of “ <i>Detailed Fruit Sampling Guidelines</i> ” for consideration as an explanatory document.* Submit documents to SC

* *The EWG and consultants meetings associated with the IAEA International Conference has been postponed. The discussion document on systems approaches for fruit flies will now be sent directly to the TP for discussion at their next meeting.*

**Contact list for the Technical panel on Pest Free areas and Systems Approaches for Fruit Flies
Bangkok, Thailand, 20-24 September 2004**

<p>Walther Enkerlin Joint FAO/IAEA Division of Nuclear Techniques in Food and Agriculture Wagramer Strasse 5 P.O. Box 100 A-1400 Vienna, Austria</p> <p>Tel: +43-1-2600-26077 Fax: +43-1-26007 Email: w.engerlin@iaea.org</p>	<p>Jose Fernandes Direcção General da Protecção das Culturas (DGPC) Direcção de Serviços de Fitossanidade (DSF) Divisão de Inspeção Fitossanitária (DIF) Tapada da Ajuda Edifício 1 – 1349-018 Lisbon - PORTUGAL</p> <p>Tel: +351-21-361-3285 Fax: +351-21-361-3277 Email: Josefernandes@dgpc.min-agricultura.pt</p>
<p>John Hedley Principal advisor Biosecurity Coordination – International Ministry of Agriculture and Forestry P.O.Box 2526 Wellington New Zealand</p> <p>Tel: +64-4-4744170 Fax: +64-4-4702730 Email: john.hedley@maf.govt.nz</p>	<p>Aldo Malavasi Professor, Department of Biology, University of São Paulo, R. do Matão 277, 05508-900 S. Paulo, SP, Brazil</p> <p>Tel: +55-11-3091-7567 Fax: +55-11-3091-7553 Email: malavasi@usp.br aldo.malavasi@terra.com.br</p>
<p>Watchreeporn Orankanok (host) Director, Irradiation for Agricultural Development Division (IAD) Bureau of Agricultural Product Quality Development, Department of Agricultural Extension (DOAE) Paholyotin Road, Chatujak, Bangkok 10900, Thailand.</p> <p>Tel: +662-9406187, +662-9406179 Fax: +662-9406188 Hand Phone: 06-8473481 E-mail: watchreeporn@doae.go.th watchreeporn@yahoo.com</p>	<p>Odilson Ribeiro e Silva (Steward) Plant and Animal Protection Secretariat Ministry of Agriculture, Livestock and Food Supply Esplanada dos Ministerios – Bloco D, Anexo B, Sala 1/22, Brasilia – DF 70.043-900 Brazil</p> <p>Tel: +55-61-2182308 Fax: +55-61-2243995 Email: odilson@agricultura.gov.br</p>

<p>Alies van Sauers-Muller National Coordinator National Program for the Carambola Fruit Fly in South America Agricultural Experiment Station Letitia Vriesdelaan 8 Paramaribo Suriname</p> <p>Tel: +597-425632 (Work) Mobile: +597-(0)8863814 Fax: +597-475919 E-mail: cffsur@sr.net or aliesmuller@yahoo.com</p>	<p>Tan Keng Hong 20, Jalan Tan Jit Seng Hillside Tanjong Bungah Penang Malaysia</p> <p>Tel: +604-8905737 Fax: +604-8921123 Email: tan_kh@tm.net.my; khtan@thonline.com.my</p>
<p>Kenji Tsuruta Senior Officer (Identification) Narita Sub-Station, Yokohama Plant Protection Station, Ministry of Agriculture, Forestry and Fishery, 2159, Tennamino, Komaino, Narita-shi, Chiba-ken, 282-0021, Japan</p> <p>Tel: +81-476-32-6690; Fax: +81-476-32-6673 Email: tsurutak@pps.go.jp</p>	
<p>Jane Chard (IPPC Secretariat) Scottish Agricultural Science Agency 82 Craigs Road East Craigs Edinburgh UK</p> <p>Tel: +44-(0)131-244-8863 Fax: +44-(0)131-244-8940 Email: Jane.Chard@sasa.gsi.gov.uk</p>	<p>Brent Larson (IPPC Secretariat) Room B-627bis Plant Protection Service (AGPP) Food and Agriculture Organization of the United Nations Viale delle Terme di Caracalla 00100 Rome Italy</p> <p>Tel: +39-06-5705-4915 Fax: +39-06-5705-6347 Email: Brent.Larson@fao.org</p>