

Determination of host status of fruits and vegetables to fruit fly (Tephritidae) infestation (2006-031)

IPPC Member Consultation

1 July to 20 October

2012



Background

- Call for Topics: *Determination of host susceptibility for fruit flies (Tephritidae)*, November 2006
- Added to the *List of Topics for IPPC Standards: CPM-2 (2007)*
- SC approved Specification 50: April 2010
- TPFf drafted: October 2010
- SC reviewed: May 2011
- TPFf revised: August 2012
- SC approved for Member Consultation: April 2012

General Considerations (1)

- Host status determination is key for fruits and vegetables in international trade
- The status for hosts of fruit flies is fundamental for pest risk assessment and for determining pest risk management options

General Considerations (2)

- Three host statuses are described (natural host, non natural host, non-host)
- Determination is based on surveillance under natural conditions and trials under semi-natural field conditions

Drafting Issues

- Existent regional standards and scientific publications with extensive reviews of host status determination were considered for the ISPM draft
- An expert was invited to help draft the ISPM

Other relevant information

- Laboratory trials were excluded from this draft because they present artificial situations where the behavior of fruit flies is highly manipulated
- Host status definition will be included to ISPM 5 after adoption of this draft
- The other definitions (natural host, non natural host, non-host), are specific to the present draft ISPM and will not be included in ISPM 5