The International Plant Protection Convention

IPPC Regional Workshop 2016

Requirements for the Use of Temperature Treatments as Phytosanitary Measures (2014 – 005)





Background

Call for topics in 2013: proposals **IPPC** for the development of **Secretariat** requirements for phytosanitary (2013)treatments CPM-9 Added the topic in April 2014 (2014) approved Specification 62 (Requirements for the use **SC May** of phytosanitary treatments 2015 as phytosanitary measures) **TPPT** First draft **Sep 2015 TPPT** Draft revision **Dec 2015 SC May**

 Approval of the draft ISPM for first consultation period

2016



General Considerations

Reason for the ISPM:

There are many temperature treatments used in international trade to prevent the introduction and spread of pests of plants

Temperature treatments adopted under ISPM 28 only state the treatment schedule

There is a need for technical guidance on the application of temperature treatments as phytosanitary measures for regulated pests





General Considerations (cont'd)

Purpose of the draft ISPM

Provide harmonized requirements for temperature treatments



Provide guidance on main operational requirements for each type of temperature treatment

Ensure that treatments are applied effectively to minimize economic and environmental impacts





Drafting Issues

TPPT <u>included</u> in the scope:

- Cold treatment
- Heat treatments
 - √ hot water immersion
 - √ vapour heat
 - √ dielectric heat
 - √ dry heat

TPPT did <u>not included</u> in the scope:

"quick freeze or cryogenic" and "joules-ohmic heating"

as they are not widely used as a phytosanitary measure





Drafting Issues (cont'd)

TPPT and SC discussed the inclusion of the statement that under some circumstances, **live but unviable** target pests may be found after a temperature treatment.

Arguments on both sides: scientifically correct, but there are no examples of countries accepting this.

The SC agreed with the <u>inclusion</u> of this statement, as it is scientifically correct.





Other relevant information

Appendix: Guidance for temperature treatment efficacy studies

With information to help with the development of research protocols

To support **treatment submissions** for ISPM 28
(*Phytosanitary treatments for regulated pests*)





Thank you



