



BACKGROUND FOR MEMBER CONSULTATION

Phytosanitary Treatment: ISPM 28:2007 ANNEX X: Heat treatment of wood packaging material using dielectric heat (20--)

The IPPC Secretariat received this treatment in response to the 2006 call for treatments of wood packaging material. The Technical panel on phytosanitary treatments (TPPT) requested additional information from the submitter in between 2006 and 2009. The submitter provided the additional information as requested and the TPPT reviewed the treatment at its 2010 Meeting and recommended it to the Standards Committee (SC) for approval:

Excerpt from the 2010 TPPT Meeting Report:

17.1.4 Microwave irradiation of wood packaging material (2007-114)

The Panel discussed a new paper (by Hoover *et al.*, 2010) (2010_TPPT_Jul_84a) submitted in support of the submission 'Evaluation of microwave irradiation of wood packaging material' (2009_TPPT_54 and 2007-TPPT-114). The TPPT agreed that this was a very convincing investigation and that all of the issues identified previously by the Panel that needed additional supporting evidence (2009_TPPT_54) had been dealt with adequately. These included concerns over combustion; sensitivity of heating up time; etc. Treatment efficacy to Probit 9 has been demonstrated against PWN. It has been established that PWN is more tolerant of heat than ALB and therefore that Probit 9 efficacy against the beetle was not required. The treatment had previously been tested against ALB (see papers by Feming *et al.*) and shown to be effective (using numbers of c. 300 individual beetles).

The TPPT concluded that microwave irradiation treatment of wood (a minimum temperature of 60°C for 1 minute throughout the profile of the wood) has been shown to be an effective treatment against the pests listed in Annex I to ISPM 15:2009 and should be approved by the TPPT for wood not thicker than 20 cm.

The TPPT approved the treatment, formatted the schedule, and recommended it the SC.

The Technical panel on forest quarantine (TPFQ) reviewed the treatment at its 2010 Meeting and recommended the treatment to be approved by SC:

Excerpt from the 2010 TPFQ Meeting Report:

10.1 Status of new ISPM 15 (2009) treatments

...The TPFQ noted that the TPPT received seven treatments for wood packaging for evaluation. The TPPT evaluated these treatments on the criteria established in ISPM 15:2009. The TPPT recommended the microwave treatment and a limited portion of the sulfuryl fluoride (SF) treatment to the SC for approval. The TPPT recommended the microwave treatment at a treatment temperature of 60 °C for period of 1 minute for wood less than 20cm...

In April 2011, the IPPC Secretariat sent the treatment to the SC for approval for member consultation via electronic decision. The SC approved the treatment in April 2011 and recommended it as a priority for 2011 member consultation at its May 2011 meeting.