

## NOTIFICATION: Treatment Schedule Revision

The next iteration of the treatment schedule BNZ-STD-ABTRT has been released and contains new information. Please replace any copies of the previous treatments schedule with this new version.

The following edits have been made to the treatment schedule, and reasons why are outlined below.

<i>Page &amp; Reference</i>	<i>Summary of Change</i>	<i>Reason</i>
p. 3 paragraph 3	Added “if a direction is received to move an item to another facility for treatment then this must happen in a secure manner.	To ensure the secure transport of items directed for treatment so that contamination is not being inadvertently spread.
p. 5 definitions	Definition of ISPM 15 added.	Previously no definition of ISPM treatment was included.
p. 11 IAP8	Treatment procedure changed to formalin “and potassium”	The formalin fumigation process requires the addition of potassium to convert the formaldehyde to a gas.
p. 13 EAP5	Two separate reasons for treatment joined into one cell; now reads “Contamination with hair or other organic material”.	The two treatment options were essentially the same, and have now been united into one.
p. 14 EAP5a	Added treatment options under EAP5a, for equipment associated with water: “Freeze until completely solid, OR; Soak in water kept above 45°C (uncomfortable to the touch) for at least 20 minutes, OR; Soak in water kept above 60°C for at least 1 minute, OR; Soak in a solution of 5% chlororhexidine or chloroxylenol-based antiseptic hand cleaner (a 5% solution is 500mL or 2 cups with water added to make 10L) for at least 1 minute.”	Changes to treatment options for equipment associated with water list these new treatment options as acceptable, along with the preexisting options.
p. 15 EAP5b	Treatment for wetsuits to be used “when not completely dry”	This statement was previously lacking.
p. 15 EAP6	More items of horse equipment specified and treatment options changed for use on ‘viruses’. Heat treatment added as an option under EAP6 (60°C for 10 minutes). Note that the standing order requires that all equipment used with horses from Australia and Japan must be treated.	Treatment options changed for equipment used with horses to reflect standing order issued after the equine influenza outbreak in Australia.

p. 16 FPT1	Added another treatment option: Heat, Atm, 56oC, 30 mins, and note: Maintain 100% humidity for fragile products or wood prone to warping.	Heat treatment is also been proven effective for treatment of invertebrates in wooden products.
p.17, FPT1	Minimum temperature for Sulphuryl fluoride raised from 10C to 15C	Increased temp based on overseas work with SF showing higher temp needed for egg efficacy.
p. 17, FPT4	'Reason for Treatment': 'Invertebrates' removed from column.	This has been added under ISPM15 compliance.
p. 18 ISPM 15	Last treatment option (Phosphine) removed from this short code	Treatment using phosphine is not approved under ISPM15.
p. 18 ISPM 15 compliance	Added to the notes that filleted wood must be separated by at least 200 mm for this treatment to be effective	Spacing requirements for treatment on wooden flat-packed products was recently determined; wood must be at least 200mm apart for efficient gas penetration.
p. 18 FPT5	For the first MBr treatment option the effective temperature was changed from 6-10°C to 10-11°C.	Fumigation below 10°C is not recommended practice.
p. 19 FPT7	Also approved for treating 'wood fillets spaced more than 20mm apart'.	Spacing requirements for treatment on wooden flat-packed products was recently determined; wood must be at least 200mm apart for efficient gas penetration.
p. 20 SPT1	Phosphine treatments added at varying rates	Added as an alternative treatment to MBr
p. 20 SPT1	HT treatment added at 56°C for 30 mins	Added as an alternative treatment to MBr
p. 22 SPT3	HT treatment added at 60°C for 30 mins	Added as an alternative treatment to MBr
p. 22 SPT7	SPT7 treatment also approved for use on dried peel, and dried herbs and leaves	Previously 15hours treatment was required for these commodities. This is not necessary.
p. 23 SPT9	Correct treatment options added in – was previously blank.	Filled in the correct rates for SPT9, as they were only referenced on a later page.
p. 24 SPT8	Temperature for autoclave changed from 118 degrees to 120 degrees	The autoclave temperatures have been standardized at 120C.
p. 24 SPT3	Heat added as an option for treating <i>Trogoderma</i> under SPT3	This has been shown to be effective.

p. 26 NST2, 3, 4, 5, 6, 7, 8, 9, & 10.	Note added for all packaging to be dipped or fumigated as per treatment option FVT7, or destroyed.	A requirement to also treat packaging was previously lacking from these treatment options.
p. 31 FNS6a	Increased treatment time by 8hrs to 24 for mite treatment	Jamieson et al 2005 demonstrated that a longer time period was required to kill mites with phosphine.
p.35 FVT6	2620ppm added as this is the required target Added to note 13: <i>Commodity must be dry as any moisture will absorb HCN and fumigation enclosure must have painted surfaces.</i>	This is the required target to be measured for HCN fumigation. Fumigation conditions added to improved fumigation performance recent tests have shown low levels of fumigant.
p. 37 SST1	Fan circulation for Phosphine treatments not required	Previously this was not indicated clearly enough and circulation is not required for phosphine fumigation under these circumstances.
p. 38 VCE4	Treatment for use on “Arthropods” changed to “Arthropods, not on snails”	This was to clarify that this treatment should not be used on snails.
p. 38 Under “Vehicles, machinery, containers, parts, etc”	An extra note has been added to the bottom of this section: “Note 3: Where containers are being treated for ants then the container must be treated with doors open. All plank floored containers must be covered for fumigation.”	This is in response to the fact that ants may be in a door seal or living on the underside of the container, hence the treatment with open doors. Sea containers with plank floors have very poor gas retention and therefore need to be covered to ensure gas remains effective. .
p. 39 SPT1	Typo corrected – STP1 changed to SPT1.	
p. 39 VCE4 VCE4a and VCE4b	Temperature raised from 54C to 60C Heat treatment options added in for Empty Containers and Machinery, and for Scrap Metal.	Increased temperature recommended by the risk analysis for vehicles. Added in to increase treatment options as per the Standard for Scrap Metal and the risk analysis for vehicles.
p. 42 VCE5	Option added to use Didecyl dimethyl ammonium chloride on wooden decking in machinery.	Added to increase treatment options in light of data that the product is effective as a treatment for fungi on this commodity.
p. 42 SOT2	Treatment for non-compliant peat at border changed from 118°C for 15mins to 120°C for 30mins.	Changed to reflect current standard for Soil, rock, gravel, sand, clay, peat and water from any country, bmg-std-sowtr.
p. 43 WAT1	Treatment time for water with Calcium Hypochlorite changed from 30 mins to “agitate for 1 minute” then let sit for 30 minutes.	This has been shown to be more effective.