

# HEAT TREATMENT

Minimum requirements for heat treating sea containers to address the risk of khapra beetle

## This information applies to FCL/FCX containers where...

- ① high-risk plant products are packed into the sea container in a khapra beetle target risk country.
- ② other goods are packed into the sea container in a khapra beetle target risk country and will be unpacked in a rural khapra risk area of Australia.

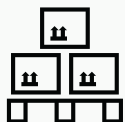
### Containers must be heat treated...



at 60°C or or above



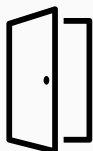
for a minimum of 3 hours



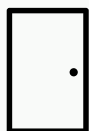
prior to packing the goods in the container



under a sheeted enclosure on a hard & flat surface



with one door open...



& the other door closed



with at least 1 sensor in the hinge of the closed door, in the bottom corner underneath the rubber seal



in accordance with the [Heat Treatment Methodology](#).

Ⓜ Containers must be treated within 21 days prior to export from the target risk country.

### Make sure...



You provide a treatment certificate, even if a phytosanitary certificate is provided.



The treatment certificate meets the requirements in [BICON](#) and the [Heat Treatment Methodology](#).



You use the treatment certificate [template](#).

### Temperature sensor requirements

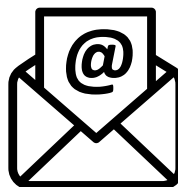
For individual 20ft and 40ft sea container treatments, a minimum of 5 temperature sensors must be used to monitor the treatment. The sensors must be positioned:

Sensor number	Sensor position
1	<b>Door hinge of closed door:</b> in the bottom corner of the door hinge, underneath the rubber seal.
2 & 3	<b>Surface:</b> on the coldest surface of the container, away from the heat source.
4 & 5	<b>Free airspace:</b> in the coldest ambient air space, away from the heat source.

### Treatment providers



We strongly encourage you to use a treatment provider that is [registered with the department](#).



For information on how to register, email us at: [offshoretreatments@agriculture.gov.au](mailto:offshoretreatments@agriculture.gov.au)