# Methyl Bromide Fumigation

Minimum requirements for methyl bromide treatments of sea containers to address the risk of khapra beetle.

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

1. [high-risk plant products](https://www.agriculture.gov.au/biosecurity-trade/pests-diseases-weeds/plant/khapra-beetle/plant-products#list-of-highrisk-plant-products) are packed into the sea container in a [khapra beetle target risk country.](https://www.agriculture.gov.au/biosecurity-trade/pests-diseases-weeds/plant/khapra-beetle/urgent-actions#list-of-khapra-beetle-target-risk-countries)
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](https://www.agriculture.gov.au/biosecurity-trade/pests-diseases-weeds/plant/khapra-beetle/sea-container-measures#measures-for-sea-containers-unpacked-in-a-rural-khapra-risk-postcode) of Australia.

**Containers must be fumigated…**

* with a dose of 80g/m3 or above
* at 21oC or above
* for a minimum of 48 hours
* with an end point reading of 20g/m3 or above
* using 4 monitoring lines (3 as per the Methyl Bromide Fumigation Methodology and 1 extra under the container) with both doors open.
* in a sheeted enclosure or chamber
* in accordance with [Methyl Bromide Fumigation Methodology](https://www.agriculture.gov.au/import/arrival/treatments/treatments-fumigants#methyl-bromide-fumigation).

Important: 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](https://bicon.agriculture.gov.au/BiconWeb4.0/) and the [Methyl Bromide Fumigation Methodology](https://www.agriculture.gov.au/import/arrival/treatments/treatments-fumigants#methyl-bromide-fumigation).
* You use the treatment certificate [template](https://www.agriculture.gov.au/import/arrival/treatments/treatments-fumigants#methyl-bromide-fumigation).

## Containers and goods can be fumigated at the same time…

if the highest parameter for the two treatment rates is used. See the below worked example where the bolded text indicates the parameters that would need to be met.

| Target of fumigation | Dose | Temperature | Exposure period | End point concentration |
| --- | --- | --- | --- | --- |
| Container | **80 g/m³ or above** | 21°C or above | **minimum of 48 hours** | **20 g/m3 or above** |
| Goods | 48 g/m3 or above | 21°C or above | minimum of 24 hours | 14.4g/m3 or above |

## Treatment providers

We strongly encourage you to use a treatment provider that is [registered with the department](https://www.agriculture.gov.au/import/before/prepare/treatment-outside-australia/offshore-treatment-providers).

For information on how to register, email us at: offshoretreatments@agriculture.gov.au

Website: [agriculture.gov.au/khapra-urgent-actions](https://www.agriculture.gov.au/biosecurity-trade/pests-diseases-weeds/plant/khapra-beetle/urgent-actions)

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