



## **How to complete Brown Marmorated Stink Bug (BMSB) Sulfuryl Fluoride Treatment Certificates**

The following details relating to BMSB sulfuryl fluoride fumigations must be included on the BMSB fumigation certificate for it to be accepted by the department. This information should be on a single page and in a format consistent with the BMSB fumigation certificate template provided on the department's website.

The department will only accept BMSB sulfuryl fluoride treatment certificates from [target risk countries](#) issued by a treatment provider listed on the [approved list of offshore BMSB treatment providers](#) (approved list).

If a BMSB treatment certificate is issued by a treatment provider in a non-target risk country it will be accepted if the treatment was conducted in accordance with the sulfuryl fluoride methodology and the BMSB treatment certificate meets the departments BMSB requirements. Noting, the goods will be subject to increased intervention on arrival.

### **Certificate must be on the treatment provider's letterhead**

The letterhead must include the address of the fumigation treatment provider that matches the address published on the [approved list](#). Where a company has more than one branch, the address on the letterhead must match that on the approved list for the branch that issues the certificate.

### **Certificate Number**

Each certificate must include a unique certificate number issued by the treatment provider. For audit and investigation purposes the certificate number must link to the treatment provider's fumigation records for the treatment covered by the certificate.

### **AEI**

Each certificate must include the treatment providers unique AEI number.

### **Consignment Details**

- **Goods Description:** Provide a short summary of the goods being treatment. For example, 'agricultural machinery'.
- **Quantity:** The certificate must include the quantity of goods being treated. For example, '100kgs or 2 pallets'
- **Consignment Link:** The certificate must include a link to other official documentation related to the consignment such as: container number, a bill of lading number, a commercial invoice number, a preferential tariff certificate number or a packing list number. If there is insufficient room on the certificate you may use the additional declarations field or attach a complete list to the certificate.
- **Country of Origin:** The origin of the goods
- **Port of loading:** The port the goods will be loaded onto the vessel
- **Country of Destination:** The country the goods are being shipped to
- **Export and Import details:** the name and address of the exporter and importer



## Treatment Details

- Date fumigation completed: is the date on which the fumigation exposure period is complete.
- Time fumigation completed: is the time at which the fumigation exposure period is complete. For example: 11:37am or 15:59pm.
- Date ventilation commenced: is the date on which ventilation of the fumigation was initiated.
- Time ventilation commenced: is the time at which the ventilation of the fumigation was initiated. For example: 9:01am or 18:22pm.
- Place of fumigation: is the general location in which the fumigation took place, e.g. Town / City.
- Exposure period (hrs): is the prescribed duration of the fumigation.
- Applied dose rate (g/m<sup>3</sup>): is the concentration of sulfuryl fluoride applied during the fumigation. This dose rate should be at least as high as the relevant dose rate listed on the [Brown Marmorated Stink Bug Season Measures website](#). **NOTE: this requirement does not apply to treatment providers using a third party approved program\*.**
- Minimum temperature (°C or °F) is either:
  - i. the minimum temperature forecast by an official source for the period of fumigation (if the fumigation enclosure is not heated)
  - ii. the minimum temperature within the fumigated space at the time of the fumigation (if the fumigation enclosure is heated).
- Lowest end-point reading (g/m<sup>3</sup> or oz/1000ft<sup>3</sup>): is the lowest concentration reading taken at the end of the fumigation.
- CT achieved (g\*h/m<sup>3</sup> or oz-h/1000ft<sup>3</sup>): the actual concentration time (CT) achieved at the completion of the fumigation, as reported by the third party approved system software. **NOTE: this requirement only applies to treatment providers using a third party approved program\***
- Ventilation, final TLV reading (ppm): The final threshold limit value (TLV) reading is when the sulfuryl fluoride concentration within the enclosure falls to 3 ppm or below. Record the fumigant concentration reading to declare the enclosure is gas free. Where multiple containers are fumigated in one enclosure, TLV is required for each container. Where a stack or permanent chamber fumigation is performed, answer 'NA' (not applicable) as no TLV is required.
- How was the fumigation conducted: Select the enclosure type used during the fumigation?
- Were the goods treated in the container they will be shipped in? Provide 'yes' or 'no' answers
- Container number: provide the 'container number' or 'not applicable'
- Was a container seal applied by the treatment provider within 120 hours of the treatment completion? Provide 'yes' or 'no' answers. If yes, provide the seal number
- Was all shipping packaging/wrapping removed or configured in a way that allowed the fumigant to access all surfaces of the goods? Provide 'yes' or 'no' or 'NA (not applicable)' answers. (select NA if shipping packaging was not present at time of treatment)
- Was all commercial packaging applied as part of the good's manufacturing process? Provide 'yes' or 'no' or 'NA (not applicable)' answers. (select NA if commercial packaging was not present at time of treatment)



### **Declaration**

The accredited fumigator responsible for ensuring that the treatment is effective and performed according to the department's treatment requirements must sign and date the certificate and print their name. They may also wish to stamp the certificate with their company stamp.

### **Additional Information**

Any additional information that the fumigator wishes to supply may be included in the Additional Declarations field.

**False declarations may result in the fumigation company being removed from the department's approved list.**

**\* The department's third party approved programs are:**

- **Douglas Products Fumiguide**
- **Ensystem II, Inc Fumicalc**
- **Barcan Pest Control & Fumigation Co. (Barcan ilaclama Fumigasyon Tic. Ltd.Sti.) (Turkey) - FumiTrack**