

Treatment Options & Rates

There are three approved treatment options for BMSB treatment.

The approved treatments are:

Heat

For all goods types and sizes

- 56°C or higher at the coldest surface of the goods, for a minimum of 30 minutes
or
- Alternative option for individual goods weighing less than 3000 kg shipped as break bulk only, 60°C or higher at the coldest surface of the goods, for a minimum of 10 minutes

Note: Individual goods shipped as break bulk weighing less than 3000kg treated at 60°C for 10 minutes require evidence within shipping documentation that they are less than 3000kg for these treatments to be accepted.

Methyl Bromide

- A dose of 24 g/m³ or above, at 10°C or above, for a minimum of 12 hours (but less than 24 hours), and a minimum end point reading of 12 g/m³
or
- A dose of 24 g/m³ or above, at 10°C or above, for 24 hours or longer, and a minimum end point reading of 8 g/m³

*Note:

- All start time concentration readings must be above 24 g/m³.
- Dose increases to compensate for temperatures less than 10°C is NOT permitted.
- Topping up with additional fumigant at the end of treatment is NOT permitted.
- If the concentration of fumigant falls below the minimum end point reading at any point during the treatment, the treatment has failed.

Sulfuryl Fluoride

- A dose of 24 g/m³ or above, at 10°C or above, for a minimum of 12 hours (but less than 24 hours), and a minimum end point reading of 12 g/m³
or
- A dose of 24 g/m³ or above, at 10°C or above, for 24 hours or longer, and a minimum end point reading of 8 g/m³

*Note:

- All start time concentration readings must be above 24 g/m³.
- Dose increases to compensate for temperatures less than 10°C is NOT permitted.
- Topping up with additional fumigant at the end of treatment is NOT permitted.
- If the concentration of fumigant falls below the minimum end point reading at any point during the treatment, the treatment has failed.

Sulfuryl Fluoride – Using third-party system*

- Achieve a CT of 200 g-h/m³ or more, at 10°C or above, for 12 hours or longer, with a minimum end point reading of 12 g/m³
or

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- Achieve a CT of 200 g-h/m³ or more, at 10°C or above, for 24 hours or longer, with a minimum end point reading of 8 g/m³

***Note:** The approved stewardship program operators and their third party programs are:

- Douglas Products or their agents - FumiGuide
- Ensystem II, Inc. (USA) - Fumicalc
- Barcan Barcan Pest Control & Fumigation Co. (Barcan ilaqlama Fumigasyon Tic. Ltd.Sti.) (Turkey) - FumiTrack

Topping up with additional fumigant at the end of treatment is NOT permitted. If the concentration of fumigant falls below the minimum end point reading at any point during the treatment, the treatment has failed.