



Appendix 3

Composting and heat treatment specifications for Japanese beetle regulated material in British Columbia

If you are heat treating or composting regulated articles, you must maintain records of the following procedures. In order to verify temperature, time, moisture and receiving time, these records must be made available to CFIA upon request.

Composting:

- Regulated articles may be composted at CFIA-authorized composting facilities, as specified in the table below.
- The authorized composting facility may compost regulated articles if they ensure the material enters the composting process within 24 hours of arrival at the facility.
- The authorized composting facility may compost the regulated articles if they ensure the compost has a minimum moisture content of 40% and is turned frequently. Frequent turning will ensure the entire mass reaches or exceeds the required minimum temperature for at least the minimum required time.

Heat Treatment: Regulated articles may be heat treated, as specified in the table below. Timing of the heat treatment begins only when the entire mass has reached or exceeded the targeted temperature. Records and documentation must be made available to the CFIA.

Table A: Composting and heat treatment schedules for regulated articles to lessen the risk of Japanese beetle.

Description	Minimum temperature	Minimum moisture content	Minimum time
Composting	55°C (131°F)	40%	2 weeks
Composting	65°C (149°F)	40%	1 week
Heat treatment	74°C (165°F)	Saturated/Wet heat	4 hours
Heat treatment	80°C (176°F)	Saturated/Wet heat	2 hours
Heat treatment	90°C (194°F)	Saturated/Wet heat	1 hour