



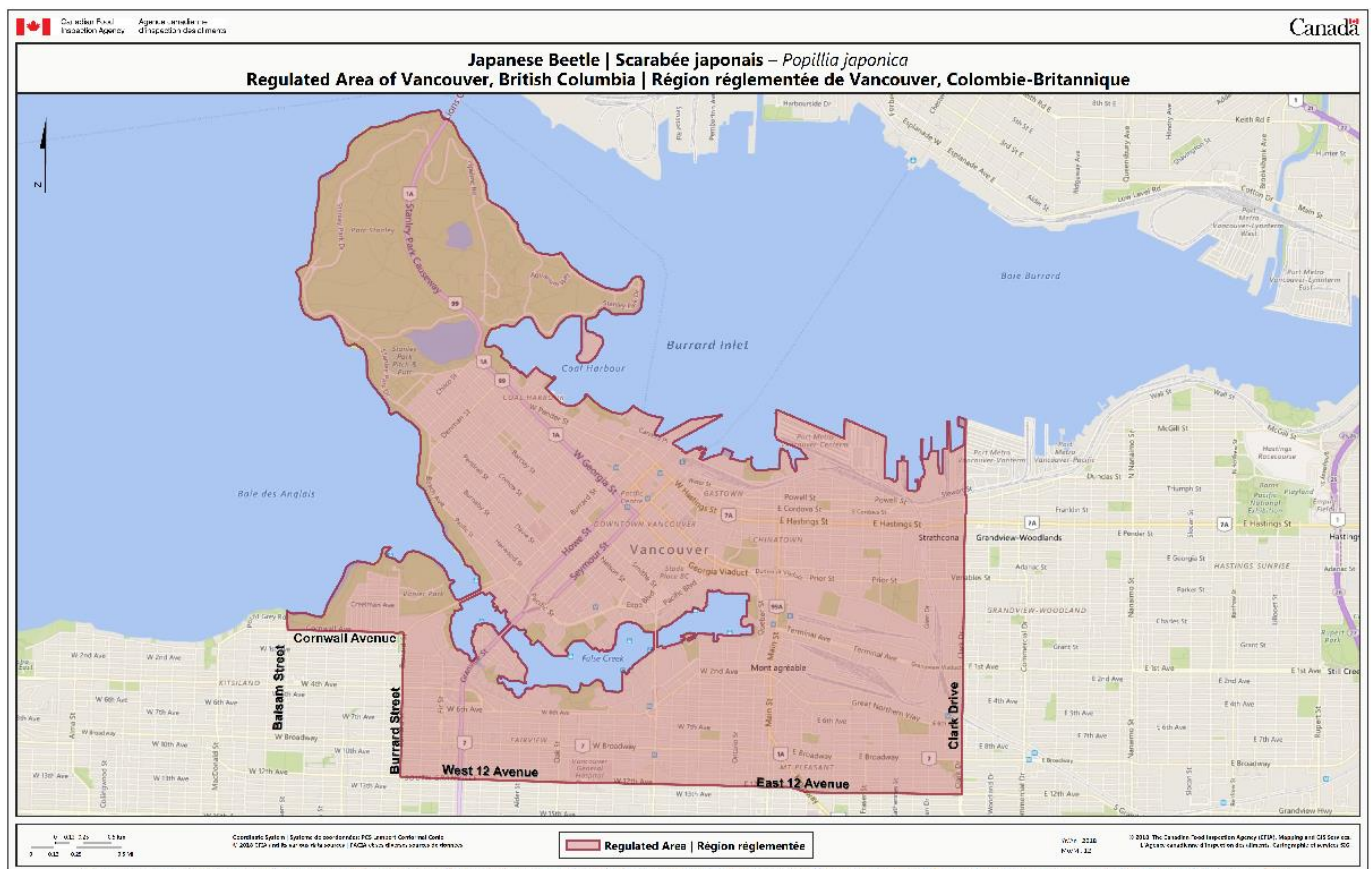
March 2019

Guidance for the movement of plants, plant parts and soil leaving the Japanese beetle regulated area in Vancouver, British Columbia

1.0 INTRODUCTION

The Canadian Food Inspection Agency (CFIA) has established a regulated area to control the spread of Japanese beetle in the Vancouver area.

The CFIA is working with the City of Vancouver, Province of British Columbia (BC), BC Invasive Species Council, BC Landscape and Nursery Association and other stakeholders to control the movement of material (regulated articles) that could contribute to the spread of Japanese beetle.



Japanese Beetle (*Popillia japonica*) regulated areas of Vancouver, British Columbia

This map shows the boundaries of the Japanese beetle regulated area in the City of Vancouver in British Columbia. The regulated area includes downtown Vancouver, the West End, Stanley Park, and False Creek and extends east to Clark Drive, south to 12th Avenue and west to Burrard Street, including Kits Point.



Please visit the CFIA's website at www.inspection.gc.ca/jb to stay informed of any changes to the regulated area.

Anyone growing or working with plants, soil or plant waste in the regulated area should be aware of the full requirements described in D-96-15 Phytosanitary requirements to prevent the spread of Japanese beetle, *Popillia japonica*, in Canada and the United States, as well as in the Japanese beetle Infested Place Order for the City of Vancouver, on the website. Municipal bylaws and Provincial laws must still be followed.

1.1 CFIA Contact Information

If you have a situation that is not covered on the CFIA's website or in this document, or you require a movement certificate, please contact the CFIA at 604-292-5742 or by email to cfia.wstjb-sj.acia@canada.ca. You may also report a Japanese beetle sighting using this phone number and email address.



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2.0 REGULATED ARTICLES

Regulated articles are things that are infested or likely to be infested with Japanese beetle when originating from the regulated area. The following articles require a CFIA movement certificate before they can be moved out of the regulated area:

- Soil (of any depth) is regulated year-round.
- Plants and plant parts with soil are regulated year-round.
- Plants and above-ground plant parts without soil are regulated from June 15th to October 15th each year.

Note: "Soil" means the loose surface of the earth in which plants grow, in most cases consisting of disintegrated rock with an admixture of organic matter, including related matter such as clay, silt,



sand, soil minerals, humus, compost, earthworm castings, muck, plant litter and debris, either individually or in combination with soil.

3.0 EXEMPTED ARTICLES

The following are considered exempted articles, as they are unlikely to carry live Japanese beetle. These articles can move freely out of the regulated area and do not require a CFIA movement certificate:

- Plant waste (e.g. pruning waste, grass clippings, leaves, weeds, and spent flowers) that is substantially free from soil and disposed of through a municipal green waste or leaf collection program. Note: substantially free from soil means the maximum size of any individual clump present on the material must be less than 12.7 mm (0.5 inches) in diameter.
- Gravel, aggregate, rocks, concrete, asphalt and silt provided they are substantially free from soil. Note: Silt means fine sand, clay or other material carried by running water and deposited as sediment, especially in a channel or harbour.
- Green plant waste that has been chipped or ground using a brush chipper or a horizontal grinder and is free from soil.
- Branches, trunks, sticks and wood with no leaves attached that are free from soil.
- Outside the Japanese beetle flight period (January 1 to June 14 and October 16 to December 31), all plants and above-ground plant parts (including grass clippings) free from soil.
- Articles transiting the regulated area (no stopping).
- Dormant bulbs, tubers, corms, and rhizomes that are free from soil.
- Potted plants, including ornamental grasses and nursery stock that enter the regulated area outside the Japanese beetle flight period: on or after October 16 and leave the regulated area on or before June 14, the following year.
- Potted plants, including nursery stock and ornamental grasses that are kept exclusively in an indoor area or a screened area within the regulated area between June 15 and October 15 (Japanese beetle flight period).
- Potted houseplants (non-commercial) which have been grown indoors within the regulated area and not set outdoors as patio plants.
- Cut flowers and decorative branches (commercially produced outside the regulated area and sold in florist shops, etc.) within the regulated area.
- Fresh fruits and vegetables for consumption.
- Commercially prepared and packaged (sealed) growing media (e.g. soil and peat) from outside the regulated area.

4.0 DISPOSAL AND TREATMENT OPTIONS FOR REGULATED ARTICLES

Please use available municipally sanctioned green/compost waste disposal programs where possible. See section 5.0 for soil requirements as well as plants and plant parts with soil requirements, which remain in effect year-round. The temporary transfer station closed October 15th, 2018. Please visit the CFIA's website to check for updates on where to take green plant waste (plants and plant parts without soil) starting June 15th, 2019.

If the regulated articles cannot be disposed of through the municipally sanctioned green/compost waste disposal programs, a CFIA movement certificate is required before moving it outside of the regulated area.

Heat treatment or composting are potential treatment options for regulated articles and the Vancouver Landfill is the only approved location to date. If you would like to use a different disposal site or one of these treatment options please contact the CFIA for additional information. Additional disposal and treatment options can be proposed in writing to CFIA for consideration and must include a detailed description of the regulated articles and the disposal or treatment process.

5.0 MOVEMENT REQUIREMENTS

Regulated articles	Time of Year	Examples	Movement Certificate Required?
Soil	Year round		YES
Plants and plant parts with soil attached	Year round	Potted plants, turfgrass, sod, ornamental grasses, raked plant debris with soil	YES
Plants and above-ground plant parts that are substantially free from soil	June 15 – October 15	Grass clippings, pruning waste and branches with leaves attached	YES
Plants and above-ground plant parts that are substantially free from soil free	October 16 – June 14	Grass clippings, pruning waste and branches with leaves attached	NO



5.1 Soil – regulated year-round

All forms of soil require a CFIA issued movement certificate to move outside of the regulated area. The top 30 cm of soil must be treated or disposed of in accordance with CFIA specifications (for example, heat-treatment or deep burial). Note that the Vancouver Landfill requires advance notice to prepare for deep burial operations and that it is your responsibility to make arrangements for deep burial. For more information about the Vancouver Landfill requirements please consult the City of Vancouver Website for the Vancouver Landfill and Recycling Depot, (<https://vancouver.ca/home-property-development/landfill.aspx>)

Soil that is deeper than 30 cm or fill dirt, and soil that is beneath an impermeable surface (for example, asphalt, cement or similar plant barrier) does not require specific treatment or deep burial but still requires a CFIA movement certificate.

Note: fill dirt does not contain organic matter. It is comprised of broken down rocks, clay and sand.

5.2 Plants and plant parts with soil attached – regulated year-round

This category of regulated article includes items such as green plant waste with soil, turfgrass, sod, ornamental grasses, annuals, perennials, bulbs, shrubs, bedding plants and potted houseplants as well as patio plants grown outdoors.

Plants for planting with soil attached

Plants with soil (growing media) from the regulated area, which are not destined for disposal within the regulated area, must meet CFIA requirements to be moved outside of the regulated area. Such movements will be considered on a case-by-case basis. This includes plants that need to be returned to the original supplier outside the regulated area. Plants may or may not be eligible to move outside the regulated area depending on a number of factors including size of the plant root ball and availability of effective and approved treatments as per section 5.3 of D-96-15 Phytosanitary requirements to prevent the spread of Japanese beetle, *Popillia japonica*, in Canada and the United States (found on the CFIA's website). Please contact the CFIA (see section 1.1) if you need to move plants outside the regulated area.

Plant retailers or suppliers play an important role in helping prevent the human-assisted spread of Japanese beetle from Vancouver by informing their associates and customers about the plant and soil movement restrictions, as outlined in this document. Plant suppliers may need to adjust their practices to prevent movement of regulated plant material outside of the regulated area.



Plant waste with soil for disposal

Above-ground plant parts are only regulated from June 15th to October 15th. From October 16th to June 14th there are no restrictions on movement of above-ground plant parts.

Plant waste may be disposed of through a municipal green/compost waste program in accordance with program requirements. Contact the CFIA before moving regulated articles out of the regulated area for disposal. Please visit the CFIA's website to check for updates on where to take green plant waste (plants and plant parts without soil) starting June 15th, 2019.

A CFIA movement certificate is required before moving outside of the regulated area for disposal. These articles must be treated or disposed of in accordance with CFIA specifications (for example heat-treatment or deep burial).

5.3 Plants and Above-ground plant parts without soil – only regulated between June 15 and October 15

This includes all outdoor plants, plant parts free from soil and green plant waste, other than leaf-free woody material and cut flowers/decorative branches (see section 3.0). As much as possible, these materials should be mulched in place or composted within the regulated area. Green plant waste (above-ground plant parts including grass clippings) cannot leave the regulated area without a CFIA movement certificate, between June 15 and October 15, which is the Japanese beetle flight period.

However, individuals disposing of plant waste (e.g. pruning waste, grass clippings, leaves, weeds, and spent flowers) that is substantially free from soil through a municipal green waste or leaf collection program do not need a movement certificate.

Please visit the CFIA's website to check for updates on where to take green plant waste (plants and plant parts without soil) starting June 15th, 2019.

6.0 ADDITIONAL MEASURES TO HELP PREVENT THE SPREAD OF JAPANESE BEETLE FROM THE REGULATED AREA

6.1 Handling regulated articles

To reduce the risk of spreading Japanese beetle, changes to standard operating procedures may be necessary. CFIA is not responsible for any additional costs incurred as a result of Japanese beetle movement restrictions. Year-round, leave behind as much soil as you can at your worksite in the regulated area and mulch plant waste in place or compost within the regulated area. Clean soil from all items on-site before leaving the regulated area such as equipment/tools and boots and before leaving disposal/transfer sites. Be especially diligent when cleaning aerating and power raking equipment before these items leave the regulated area, as this equipment could present a significant risk for carrying various Japanese beetle life stages. Please avoid using this equipment as much as possible. Leave root balls and below-ground parts in the ground and dispose of the above-ground portion if required.



There is no need to segregate green waste from soil if it will all be deep buried at the Vancouver Landfill (see section 4.0).

From June 15 to October 15, shake plants to remove any Japanese beetle prior to disposal or prior to loading it into your vehicle for transport to a CFIA-approved site. Check for adult Japanese beetle hitchhikers on clothing as well as inside and outside vehicles and equipment.

Prior to leaving the regulated area sweep out tarps/grass catchers and vehicles (for example truck boxes, containers, dump trucks) used to transport regulated material.

If you are working inside and outside the regulated area, do not bring regulated articles (plant material and soil) to work sites outside the regulated area. Do not store regulated articles outside the regulated area.

6.2 Promoting awareness about Japanese beetle

Where applicable, please work with plant suppliers (vendors) and other associates to establish roles and responsibilities regarding Japanese beetle movement restrictions for plants and green waste to ensure you are compliant. Contact CFIA to obtain Japanese beetle outreach materials that you can display and distribute.

6.3 Managing plant returns from the regulated area

People and organizations located outside the regulated area are encouraged to reject plant returns from the regulated area due to the potential risk of spreading Japanese beetle. In the event that plants with soil from the regulated area are accepted at a location outside the regulated area, immediately secure and safeguard the plants (for example, double-bag them) and call CFIA (see section 1.1 above) to get a movement certificate. Those people or organizations in care and control of the regulated plants are responsible for all costs associated with disposal of the non-compliant plants.

7.0 NON-COMPLIANCE WITH THE MOVEMENT REQUIREMENTS FOR JAPANESE BEETLE

When issues of non-compliance are observed, the CFIA will follow the CFIA's Compliance and Enforcement Operational Policy.

One of the enforcement options is to issue an Administrative Monetary Penalty which is a Notice of Violation with a warning or it can include a penalty. Penalties for individuals can range from \$500 to \$1,300 and \$1,300 to \$10,000 for violations committed during the course of business.

Learn more about the Japanese beetle and get updates on this response effort by visiting the CFIA's website at www.inspection.gc.ca/jb

To report sightings of this pest please complete the Feedback form on the CFIA's website at, <http://www.inspection.gc.ca/eng/1299860523723/1299860643049>