

WAC 16-470-717 Conditions governing the movement of regulated articles from internal quarantined areas. Regulated articles within the state of Washington quarantined areas are prohibited from moving outside the quarantined area (from all properties, including commercial and private properties), except as provided for below:

(1) The upper eight inches of topsoil containing vegetative material from all properties; humus and compost (except when produced commercially), and growing media (except when commercially packaged), may be allowed to move from the quarantine area if they are first treated by one of the following methods. Treatments must be monitored by the department for compliance.

(a) Steam heated to a temperature of 140 degrees Fahrenheit for one hour, to kill all life stages of Japanese beetle;

(b) Other treatments determined to be effective at eradicating Japanese beetle and approved in writing by the director.

(2) Yard debris may be allowed to move from the quarantine area if it is first treated by one of the following methods. Treatments must be monitored by the department for compliance.

(a) Steam heated to a temperature of 140 degrees Fahrenheit for one hour, to kill all life stages of Japanese beetle;

(b) When consisting solely of woody materials containing no soil, yard debris may be chipped to a screen size of one inch in two dimensions or smaller during the Japanese beetle adult flight season (May 15th through October 15th). Woody material containing no soil can be moved outside of the Japanese beetle adult flight season without chipping;

(c) Another treatment determined to be effective at eradicating Japanese beetle and approved in writing by the director.

(3) Plants for planting and propagation (except when dormant and bareroot and free from soil or growing media), all plants with roots, plant crowns or roots, bulbs, corms, tubers and rhizomes, and turf-grass (sod) may be allowed to move from the quarantine area if each shipment complies with one of the treatment or inspection requirements detailed under (a) through (f) of this subsection. Before the shipment moves outside the quarantined area, the shipment must be approved by the department. Approval will be documented by the issuance of a certificate of treatment or inspection when the department determines that the shipment is in compliance with the treatment or inspection requirements. The certificate must accompany the shipment while the shipment is in transit. Treated plants must be safeguarded from reinfestation prior to shipping. Plants shipped dormant and bareroot with no soil or growing media attached are exempt from these requirements, and should be identified as bareroot on shipping documents.

(a) Production in an approved Japanese beetle free greenhouse/screenhouse. All the following criteria apply to be approved as a Japanese beetle free greenhouse/screenhouse. All media must be sterilized and free of soil. All planting stock must be free of soil (bareroot) before planting into the approved medium. The potted plants must be maintained within the greenhouse/screenhouse during the entire adult flight period (May 15th through October 15th). During the adult flight period, the greenhouse/screenhouse must be made secure so that adult Japanese beetles cannot enter. Such security measures must be approved by the department. No Japanese beetle contaminated material shall be allowed into the secured area at any time. The greenhouse/screenhouse will be officially inspected by the department for the presence of all life stages of Japanese beetle and must be specifically approved as a secure area. The plants and their growing medium must be appropriately

protected from subsequent infestation while being stored, packed, and shipped. Certified greenhouse/screenhouse nursery stock may not be transported into or through any infested areas unless identity is preserved and adequate safeguards are applied to prevent possible infestation. Each greenhouse/screenhouse operation must be approved by the department as having met and maintained the above criteria. The certificate accompanying the plants shall bear the following additional declaration: "The rooted plants (or crowns) were produced in an approved Japanese beetle free greenhouse or screenhouse and were grown in sterile, soilless media."

(b) Production during a pest free window. The entire rooted plant production cycle (planting, growth, harvest, and shipping) will be completed within a pest free window (October 16th through May 14th), in clean containers with sterilized and soilless growing medium, and shipment will occur outside the adult Japanese beetle flight period (May 15th through October 15th). The accompanying phytosanitary certificate shall bear the following additional declaration: "These plants were produced outside the Japanese beetle flight season and were grown in sterile, soilless media."

(c) Application of approved regulatory treatments. All treatments will be performed under direct supervision of the department or under a compliance agreement. Treatments and procedures under a compliance agreement will be monitored throughout the season. State phytosanitary certificates listing and verifying the treatment used must accompany the shipment. Note that not all treatments or methods approved in the U.S. Domestic Japanese Beetle Harmonization Plan are acceptable for use within Washington state. The phytosanitary certificate shall bear the following additional declaration: "The rooted plants are in soilless media and were treated to control *Popillia japonica* according to the criteria for shipment to Category 1 states as provided in the U.S. Domestic Japanese Beetle Harmonization Plan and Washington state's Japanese beetle quarantine."

(d) Dip treatment - Not an approved treatment.

(e) Drench treatments - Container plants only. Not approved for ornamental grasses or sedges. Not approved for field potted plants. Potting media used must be sterile and soilless, containers must be clean. Only containerized nursery stock with rootballs 12 inches in diameter or smaller and free from field soil are eligible. This is a prophylactic treatment protocol targeting eggs and early first instar larvae. If the containers are exposed to a second flight season, they must be retreated with an approved insecticide. Chemicals approved for drench treatments of container plants under this protocol can be found in the Japanese Beetle National Harmonization Plan for shipping to a Category 1 state, and must be labeled for use in Washington state.

(f) Media (granule) incorporation - Container plants only. Not approved for ornamental grasses or sedges. Only containerized nursery stock with rootballs 12 inches in diameter or smaller, planted in approved growing media, and free from field soil are eligible. Plants grown in field soil and then potted into soilless container substrates are not eligible for certification using this protocol, unless all field soil is removed from the roots so plants are bareroot at the time of potting. All pesticides used for media incorporation must be mixed thoroughly into the media before potting and plants should be watered at least two times following media incorporation before shipment can begin. Approved growing media used must be free from soil and consist of synthetic or other substances (other than soil) used singly or in combinations. Examples of approved growing media include conifer

bark, hardwood bark, expanded or baked clay pellets, expanded polystyrene beads, floral foam, ground coconut husk, ground cocoa pods, ground coffee hulls, ground rice husk, peat, perlite, pumice, recycled paper, rock wool, sawdust, sphagnum, styrofoam, synthetic sponge, vermiculite, and volcanic ash or cinder. The media shall contain only substances that were not used previously for growing plants or other agricultural purposes. It must be free of plant pests, sand, and related matter, and safeguarded in such a manner as to prevent the introduction of all life stages of Japanese beetle to the media. The granules must be incorporated into the media before potting. Plants being stepped up into treated potting media must first have undergone an approved drench treatment to eliminate any untreated volume of potting medium. This treatment protocol targets eggs and early first instar larvae and allows for certification of plants that have been exposed to only one flight season after application. If the containers are to be exposed to a second flight season, they must be repotted with a granular incorporated mix or retreated using one of the approved drench treatments. Chemicals approved for media (granule) incorporation for container plants under this protocol can be found in the Japanese Beetle National Harmonization Plan for shipping to a Category 1 state, and must be labeled for use in Washington state.

(4) Hop vines and unshucked corn ears: Fields where hops or corn (intended to be shipped unshucked) are planted must be trapped and monitored by the department and found free of Japanese beetle for the entire adult flight period (May 15th through October 15th), or from the date of planting up to the date of harvest if both dates are within the flight period. Fields that are not sufficiently trapped will not be considered free from Japanese beetle. If the field is found free of Japanese beetle by the department, vines and unshucked corn ears may be moved outside the quarantined area. If the department determines there is evidence of Japanese beetle presence, vines and unshucked corn ears must be treated prior to harvest or movement by a method approved by the director in advance. All shipments of hop vines and unshucked corn ears to areas outside the quarantined area must be accompanied by a compliance document issued by the department stating the field of origin and destination addresses. If a shipment is found to contain Japanese beetles, any further shipments from that field must be in vehicles sufficiently closed/covered to prevent reinfestation after treatment.

[Statutory Authority: RCW 17.24.011 and 17.24.041. WSR 22-17-068, § 16-470-717, filed 8/15/22, effective 9/15/22.]