

*APHIS.* The Animal and Plant Health Inspection Service, United States Department of Agriculture.

*Cold treatment.* Exposure of a commodity to a specified cold temperature that is sustained for a specific time period to kill targeted pests, especially fruit flies.

*Dose mapping.* Measurement of absorbed dose within a process load using dosimeters placed at specified locations to produce a one-, two-, or three-dimensional distribution of absorbed dose, thus rendering a map of absorbed-dose values.

*Dosimeter.* A device that, when irradiated, exhibits a quantifiable change in some property of the device that can be related to absorbed dose in a given material using appropriate analytical instrumentation and techniques.

*Dosimetry system.* A system used for determining absorbed dose, consisting of dosimeters, measurement instruments and their associated reference standards, and procedures for the system's use.

*Fumigant.* A gaseous chemical that easily diffuses and disperses in air and is toxic to the target organism.

*Fumigation.* Releasing and dispersing a toxic chemical in the air so that it reaches the target organism in a gaseous state.

*Inspector.* Any individual authorized by the Administrator of APHIS or the Commissioner of Customs and Border Protection, Department of Homeland Security, to enforce the regulations in this part.

*Irradiation.* Treatment with any type of ionizing radiation.

*Methyl bromide.* A colorless, odorless biocide used to fumigate a wide range of commodities.

*Neutralize.* To prevent the establishment of a plant pest by killing it, sterilizing it, preventing its development from an immature stage, or preventing its emergence from its host.

*Plant Protection and Quarantine (PPQ).* The Plant Protection and Quarantine program of APHIS.

*PPQ Treatment Manual.* The document that contains the treatment schedules that are approved for use under this part. The Treatment Manual is available on the Internet at ([http://www.aphis.usda.gov/import\\_export/](http://www.aphis.usda.gov/import_export/)

[plants/manuals/index.shtml](#)) or by contacting the Animal and Plant Health Inspection Service, Plant Protection and Quarantine, Manuals Unit, 92 Thomas Johnson Drive, Suite 200, Frederick, MD 21702.

*Quick freeze.* A commercially acceptable method of quick freezing at sub-zero temperatures with subsequent storage and transportation at not higher than 20 °F. Methods that accomplish this are known as quick freezing, sharp freezing, cold pack, or frozen pack, but may be any equivalent commercially acceptable freezing method.

*Section 18 of Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA).* An emergency exemption granted by the U.S. Environmental Protection Agency to Federal or State agencies authorizing an unregistered use of a pesticide for a limited time.

*Vacuum fumigation.* Fumigation performed in a gas-tight enclosure. Most air in the enclosure is removed and replaced with a small amount of fumigant. The reduction in pressure reduces the required duration of the treatment.

### § 305.2 Approved treatments.

(a) Certain commodities or articles require treatment, or are subject to treatment, prior to interstate movement within the United States or importation or entry into the United States. Treatment is required as indicated in parts 301, 318, and 319 of this chapter, on a permit, or by an inspector.

(b) Approved treatment schedules are set out in the PPQ Treatment Manual. Treatments may only be administered in accordance with the treatment requirements of this part and in accordance with treatment schedules found in the PPQ Treatment Manual.

(c) APHIS is not responsible for losses or damages incurred during treatment and recommends that a sample be treated first before deciding whether to treat the entire shipment.

### § 305.3 Processes for adding, revising, or removing treatment schedules.

(a) *Normal process for adding, revising, or removing treatment schedules.* Unless there is a need to immediately add, revise, or remove a treatment schedule, as provided in paragraph (b)(1) of this