

§ 318.13-4c

7 CFR Ch. III (1-1-01 Edition)

(b) *Subsequent handling.* All handling in Hawaii subsequent to treatment of fruits and vegetables intended for shipment elsewhere in the United States must be carried out to meet requirements of and under the supervision of the inspector.

(c) *Costs.* All costs of treatment and prescribed post-treatment safeguards, other than the services of the supervising inspector during regularly assigned hours of duty and at the usual place of duty, shall, as required by § 318.13-4(b), be borne by the owner of the fruits or vegetables, or his representative.

(d) *Department not responsible for damage.* In the tests and experiments so far conducted, fruits and vegetables (other than eggplants) have not been injured and the results following treatment have been successful. It is however, emphasized that inexactness and carelessness in using the approved method of treatment may result in injury to the fruit and vegetables treated. In approving this treatment the U.S. Department of Agriculture does not accept responsibility for fruit or vegetable injury.

(e) *Conditioning.* (1) The treatments set forth in paragraph (a) of this section are in addition to any other procedure or practice that may be found by the shipper to be desirable to condition or otherwise handle fruits or vegetables that may be offered for treatment.

(2) Eggplants require conditioning before they will tolerate the approved vapor-heat treatment. Even when conditioned, darkening of their seeds usually occurs. In tests of eggplant tolerance to vapor-heat treatment, 6 to 8 hours conditioning at 110° F. and approximately 40 percent relative humidity before the prescribed 8¾-hour holding period has been found effective. This conditioning procedure or any other that the shipper has developed and found satisfactory may be used for eggplants at the shipper's risk.

(3) Papayas require conditioning before they will tolerate the approved vapor-heat "quick run-up" treatment and even then some injury may result. Any conditioning that the shipper has developed and found satisfactory may

be used with the "quick run-up" treatment for papayas at the shipper's risk.

[24 FR 10777, Dec. 29, 1959. Redesignated at 50 FR 9788, Mar. 12, 1985, and further amended at 55 FR 38979, Sept. 24, 1990]

§ 318.13-4c Administrative instructions approving methyl bromide fumigation as a condition for certification of tomatoes for movement from Hawaii.

The Administrator of the Animal and Plant Health Inspection Service hereby approves methyl bromide fumigation, applied in accordance with the provisions of this section, as a treatment for tomatoes from Hawaii. Tomatoes treated and handled as provided in this section may be certified for movement from Hawaii to other parts of the United States.

(a) *Approved fumigation.* (1) The approved fumigation shall consist of fumigation with methyl bromide at normal atmospheric pressure, in a fumigation chamber which has been approved for that purpose by the Animal and Plant Health Inspection Service. The dosage shall be applied at the rate of 2 pounds per 1,000 cubic feet for 3½ hours at 70°F. or above.

(2) Tomatoes to be fumigated may be individually wrapped in gas-permeable tissue paper and packed in standard slatted tomato lugs or containers similarly vented. The fumigation chamber shall not be loaded to more than two-thirds of its capacity. The 3½-hour exposure period shall begin when all the fumigant has been introduced into the chamber and volatilized. Good circulation above and below the load, and between individual containers, shall be provided as soon as the tomatoes are loaded in the chamber and shall continue during the full period of fumigation and until the tomatoes have been removed to a well-ventilated location.

(b) *Supervision of treatments and subsequent handling.* The treatment approved in this section and the subsequent handling of the tomatoes so treated must be under the supervision of a plant quarantine inspector of the Animal and Plant Health Inspection Service. Such treated tomatoes must be safeguarded against reinfestation during the period prior to movement from Hawaii in a manner satisfactory

to the inspector. Certification of tomatoes for such movement will be made only upon compliance with the prescribed treatment and posttreatment safeguards.

(c) *Costs.* All costs of the treatments and prescribed posttreatment safeguards provided for in this section, other than the services of the supervising inspector during regularly assigned hours of duty and at the usual place of duty, shall, as required by § 318.13-4(b), be borne by the owner of the tomatoes, or his representative.

(d) *Department not responsible for damage.* (1) This treatment is recognized as one which may be marginal as to varietal tolerance of tomatoes and the owner or shipper is warned of possible injury. The Department of Agriculture and its inspectors assume no responsibility for any loss or damage resulting from any treatment prescribed or supervised.

(2) In test fumigations the following varieties of tomatoes indicated tolerance to the prescribed treatment when harvested early in the season and in the mature stage after some color development: Big Boy, Bounty, Break O Day, Burpee Hybrid, Earliana, Hawaii, Homestead, J. Moran, Kalohi, Kaulaii, Lanai, Marglobe, Maui, Niihau, N-46, Oahu, Pearson, Pritchard, Rutgers, San Malzano, Step 274, Step 278, Step 280, Step 281, Step 305, and Step 314. Varieties showing poor tolerance were Desert Pride, Kolea C. Manalucie, and Pennheart.

[27 FR 1551, Feb. 20, 1962, as amended at 36 FR 24917, Dec. 24, 1971. Redesignated at 50 FR 9788, Mar. 12, 1985, and further amended at 55 FR 38979, Sept. 24, 1990]

§ 318.13-4d Administrative instructions concerning the interstate movement of avocados from Hawaii.

(a) Subject to the requirements of §§ 318.13-3 and 318.13-4 and all other applicable provisions of this subpart, avocados may be moved interstate from Hawaii only if they are treated under the supervision of an inspector with a treatment authorized by the Administrator for the following pests: the Mediterranean fruit fly (*Ceratitis capitata*), the melon fly (*Dacus cucurbitae*), and the Oriental fruit fly (*Bactrocera dorsalis*).

(b) Treatments authorized by the Administrator are listed in the Plant Protection and Quarantine Treatment Manual, which is incorporated by reference at § 300.1 of this chapter.

[61 FR 5924, Feb. 15, 1996]

§ 318.13-4e Administrative instructions governing the movement of litchi from Hawaii to other States.

(a) Litchis may be moved interstate from Hawaii only in accordance with this section or § 318.13-4f and all other applicable provisions of this part.

(b) To be eligible for interstate movement under this section, litchi must be inspected and found free of the litchi fruit moth (*Cryptophlebia* spp.) and other plant pests by an inspector and then treated for fruit flies under the supervision of an inspector with a treatment listed in the Plant Protection and Quarantine Treatment Manual, which is incorporated by reference at § 300.1 of this chapter.

(c) Litchi from Hawaii may not be moved interstate into Florida. All cartons in which litchi from Hawaii are packed must be stamped "Not for importation into or distribution in FL."

[62 FR 36974, July 10, 1997]

§ 318.13-4f Administrative instructions prescribing methods for irradiation treatment of certain fruits and vegetables from Hawaii.

(a) *Approved irradiation treatment.* Irradiation, carried out in accordance with the provisions of this section, is approved as a treatment for the following fruits and vegetables: Abiu, atemoya, carambola, litchi, longan, papaya, rambutan, and sapodilla.

(b) *Conditions of movement.* Fruits and vegetables from Hawaii may be authorized for movement in accordance with this section only if the following conditions are met:

(1) *Location.* The irradiation treatment must be carried out at an approved facility in Hawaii or on the mainland United States. Fruits and vegetables authorized under this section for treatment on the mainland may be treated in any State on the mainland United States except Alabama, Arizona, California, Florida, Georgia, Kentucky, Louisiana, Mississippi, Nevada, New Mexico, North