

either malathion or spinosad bait spray as an alternative to treating fruits and vegetables as provided in the Plant Protection and Quarantine Treatment Manual. These treatments must take place at 6- to 10-day intervals, starting a sufficient time before harvest (but not less than 30 days before harvest) to allow for development of West Indian fruit fly egg and larvae. Determination of the time period must be based on the day degrees model for West Indian fruit fly. Once treatment has begun, it must continue through the harvest period. The malathion bait spray treatment must be applied by aircraft or ground equipment at a rate of 2.4 oz of technical grade malathion and 9.6 oz of protein hydrolysate per acre. The spinosad bait spray treatment must be applied by aircraft or ground equipment at a rate of 0.01 oz of a USDA-approved spinosad formulation and 48 oz of protein hydrolysate per acre. For ground applications, the mixture may be diluted with water to improve coverage.

[66 FR 6433, Jan. 22, 2001, as amended at 67 FR 8465, Feb. 25, 2002]

## PART 302—DISTRICT OF COLUMBIA; MOVEMENT OF PLANTS AND PLANT PRODUCTS

Sec.

302.1 Definitions.

§ 302.2 Movement of plants and plant products.

AUTHORITY: 7 U.S.C. 7712, 7714, 7715, 7731, 7732, 7735, 7736, 7745, and 7754-7756; 7 CFR 2.22, 2.80, and 371.3.

SOURCE: 66 FR 1016, Jan. 5, 2001, unless otherwise noted.

### § 302.1 Definitions.

*Inspector.* Any employee of the Animal and Plant Health Inspection Service or other person authorized by the Administrator to inspect and certify the plant health status of plants and products under this part.

*Interstate.* From any State into or through any other State.

*State.* The District of Columbia, Puerto Rico, the Northern Mariana Islands, or any State, territory, or possession of the United States.

### § 302.2 Movement of plants and plant products.

Inspection or documentation of the plant health status of plants or plant products to be moved interstate from the District of Columbia may be obtained by contacting the State Plant Health Director, Plant Protection and Quarantine, APHIS, Wayne A. Cawley, Jr. Building, Room 350, 50 Harry S. Truman Parkway, Annapolis, MD 21401-7080; phone: (410) 224-3452; fax: (410) 224-1142.

[66 FR 54641, Oct. 30, 2001]

## PART 305—PHYTOSANITARY TREATMENTS

Sec.

305.1 Definitions.

305.2 Irradiation treatment of imported fruits and vegetables for certain fruit flies and mango seed weevils.

AUTHORITY: 7 U.S.C. 7701-7772; 21 U.S.C. 136 and 136a; 7 CFR 2.22, 2.80, and 371.3.

SOURCE: 67 FR 65026, Oct. 23, 2002, unless otherwise noted.

### § 305.1 Definitions.

*The following definitions apply for the purposes of this part:*

*Administrator.* The Administrator, Animal and Plant Health Inspection Service, United States Department of Agriculture, or any person delegated to act for the Administrator in matters affecting this part.

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

*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

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standards, and procedures for the system's use.

*Inspector.* Any employee of the Animal and Plant Health Inspection Service or other person authorized by the Administrator to inspect and certify the plant health status of plants and products under this part.

**§ 305.2 Irradiation treatment of imported fruits and vegetables for certain fruit flies and mango seed weevils.**

(a) *Approved doses.* Irradiation at the following doses for the specified fruit flies and seed weevils, carried out in accordance with the provisions of this section, is approved as a treatment for all fruits and vegetables:

IRRADIATION FOR FRUIT FLIES AND SEED WEEVILS IN IMPORTED FRUITS AND VEGETABLES

Scientific name	Common name	Dose (gray)
(1) <i>Bactrocera dorsalis</i> .....	Oriental fruit fly .....	250
(2) <i>Ceratitis capitata</i> .....	Mediterranean fruit fly .....	225
(3) <i>Bactrocera cucurbitae</i> .....	Melon fly .....	210
(4) <i>Anastrepha fraterculus</i> .....	South American fruit fly .....	150
(5) <i>Anastrepha suspensa</i> .....	Caribbean fruit fly .....	150
(6) <i>Anastrepha ludens</i> .....	Mexican fruit fly .....	150
(7) <i>Anastrepha obliqua</i> .....	West Indian fruit fly .....	150
(8) <i>Anastrepha serpentina</i> .....	Sapote fruit fly .....	150
(9) <i>Bactrocera tryoni</i> .....	Queensland fruit fly .....	150
(10) <i>Bactrocera jarvisi</i> .....	(No common name) .....	150
(11) <i>Bactrocera latifrons</i> .....	Malaysian fruit fly .....	150
(12) <i>Sternochetus mangiferae</i> (Fabricus) .....	Mango seed weevil .....	300

(b) *Location of facilities.* Where certified irradiation facilities are available, an approved irradiation treatment may be conducted for any fruit or vegetable either prior to shipment to the United States or in the United States. Irradiation facilities certified under this section may be located in any State on the mainland United States except Alabama, Arizona, California, Florida, Georgia<sup>1</sup>, Kentucky, Louisiana, Mississippi<sup>1</sup>, Nevada, New Mexico, North Carolina<sup>1</sup>, South Caro-

lina, Tennessee, Texas, and Virginia. Prior to treatment, the fruits and vegetables to be irradiated may not move into or through any of the States listed in this paragraph, except that movement is allowed through Dallas/Fort Worth, Texas, as an authorized stop for air cargo, or as a transloading location for shipments that arrive by air but that are subsequently transloaded into trucks for overland movement from Dallas/Fort Worth into an authorized State by the shortest route.

(c) *Compliance agreement with importers and facility operators for irradiation in the United States.* If irradiation is conducted in the United States, both the importer and the operator of the irradiation facility must sign compliance agreements with the Administrator. In the facility compliance agreement, the facility operator must agree to comply with any additional requirements found necessary by the Administrator to prevent the escape, prior to irradiation, of any fruit flies that may be associated with the articles to be irradiated. In the importer compliance agreement, the importer must agree to comply with any additional requirements found necessary by the Administrator to ensure the shipment is not diverted to a destination

<sup>1</sup>Irradiation facilities may be located at the maritime ports of Gulfport, MS, or Wilmington, NC, or the airport of Atlanta, GA, if the following special conditions are met: The articles to be irradiated must be imported packaged in accordance with paragraph (g)(2)(i)(A) of this section; the irradiation facility and APHIS must agree in advance on the route by which shipments are allowed to move between the vessel on which they arrive and the irradiation facility; untreated articles may not be removed from their packaging prior to treatment under any circumstances; blacklight or sticky paper must be used within the irradiation facility, and other trapping methods, including Jackson/methyl eugenol and McPhail traps, must be used within the 4 square miles surrounding the facility; and the facility must have contingency plans, approved by APHIS, for safely destroying or disposing of fruit.