

FOR INFORMATION
DA-2009-40
August 17, 2009

SUBJECT: White Striped Fruit Fly, *Bactrocera albistrigata*, Quarantine Area Established in Los Angeles and San Bernardino Counties, California

TO: STATE AND TERRITORY AGRICULTURAL REGULATORY OFFICIALS

The Animal and Plant Health Inspection Service (APHIS) confirmed the finding of a white striped fruit fly population in the La Verne and San Dimas areas of Los Angeles County, California. APHIS is designating portions of Los Angeles County and an adjacent area of San Bernardino County as a white striped fruit fly quarantine area and is applying restrictions on the interstate movement of regulated articles from that area. These actions are necessary to prevent the spread of white striped fruit fly to noninfested areas of the United States. This white striped fruit fly outbreak is considered to be transient, actionable, and under eradication.

White striped fruit fly is a Tephritid fruit fly that has not previously been detected in the United States. The general appearance of this fruit fly is similar to the Oriental fruit fly, but with some differences in the wing pattern and the coloration of the thorax. Commercial commodities that host this pest include mango, guava, and carambola.

From July 9 through July 22, 2009, APHIS, in cooperation with the California Department of Food and Agriculture and the Los Angeles County Agricultural Commissioner, confirmed the detection of four male, one mated female, and one unmated female white striped fruit flies on various residential properties in the La Verne and San Dimas areas. These detections triggered the establishment of this quarantine area, which encompasses approximately 81-square miles of Los Angeles and San Bernardino Counties, consisting mostly of residential areas with minimal commercial host production.

Fruit fly traps have been deployed at protocol levels to conduct a delimitation survey surrounding the detection sites. Population control activities within the quarantined area includes the application of spinosad bait spray to host trees within 200 meters surrounding all detection sites and a population control treatment known as the male annihilation technique (MAT). MAT treatment includes the deployment of 1,000 removable Jackson trap bait stations per square mile throughout the treatment area. The traps are baited with Cuelure/naled.

The quarantine was effective August 10, 2009, and is reflected on the following designated website, which contains a description of all the current Federal fruit fly quarantine areas:

http://www.aphis.usda.gov/plant_health/plant_pest_info/fruit_flies/index.shtml

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Also, a Federal Order listing the regulated articles for white striped fruit fly is attached and effective immediately. APHIS anticipates following the issuance of this Federal Order with the publication of an Interim Rule in the Federal Register, with public comment, in accordance with the Administrative Procedures Act. We will also publish a notice in the Federal Register informing the public of this change. For additional information on this white striped fruit fly eradication program, you may contact Wayne Burnett, APHIS Exotic Fruit Fly Director, Fruit Fly Exclusion and Detection Programs, at Area Code (301) 734-4387.

/s/ Sherry Sanderson /for

Rebecca A. Bech
Deputy Administrator
Plant Protection and Quarantine

Attachment:
Federal Order

FEDERAL ORDER

Designation of Regulated Articles for the White Striped Fruit Fly (*Bactrocera albistrigata*) Quarantine Area in Los Angeles and San Bernardino Counties, California

This Federal Order is issued pursuant to the regulatory authority provided by the Plant Protection Act of June 20, 2000, as amended, Section 412(a), 7 U.S.C. 7712(a), which authorizes the Secretary of Agriculture to prohibit or restrict the movement in interstate commerce of any plant, plant part, or article if the Secretary determines the prohibition or restriction is necessary to prevent the dissemination of a plant pest within the United States, and (2) the regulations promulgated pursuant to the Plant Protection Act found at 7 CFR 301.32.

APHIS has established a quarantine area, effective August 10, 2009, in Los Angeles County, California, and an adjacent area in San Bernardino County, California, for the white striped fruit fly, *Bactrocera albistrigata*. *B. albistrigata* is a fruit fly in the family of Tephritidae. This action is in response to the detections of white striped fruit fly in Los Angeles County, California. The white striped fruit fly quarantine area is described on the Plant Protection and Quarantine website, http://www.aphis.usda.gov/plant_health/plant_pest_info/fruit_flies/index.shtml

Accordingly, effective immediately, all interstate movement of white striped fruit fly regulated articles from the quarantine area in Los Angeles County and the quarantine area in San Bernardino County must be done in accordance with the regulations in 7 CFR 301.32 et seq. and any applicable provisions of this Federal Order.

This is the first time a Federal quarantine area has been established for white striped fruit fly. Since the regulations in 7 CFR 301.32 et seq. do not currently list regulated (host) articles for white striped fruit fly, they are listed below. The fruit of the following plant species are now considered regulated articles for white striped fruit fly, and are subject to the requirements of 7 CFR 301.32 et seq.:

Botanical name	Common name
<i>Aglaia argentea</i>	Tanglar
<i>Artocarpus heterophyllus</i>	Jackfruit
<i>Averrhoa carambola</i>	carambola, country gooseberry
<i>Calophyllum inophyllum</i>	Alexandrian laurel, laurel
<i>Gmelina elliptica</i>	badhara bush
<i>Guettarda speciosa</i>	beach gardenia
<i>Mangifera indica</i>	Mango
<i>Mimusops elengi</i>	Spanish cherry
<i>Ochrosia oppositifolia</i> = <i>Neisosperma oppositifolium</i>	Kōjbar

Botanical name	Common name
<i>Polyalthia longifolia</i>	mast tree
<i>Psidium guajava</i>	Guava
<i>Scolopia spinosa</i>	Piring
<i>Syzygium</i> spp.	water apple, watery roseapple, rose apple, clove, mountain apple, Malay apple
<i>Terminalia catappa</i>	tropical Almond
<i>Terminalia procera</i>	badam. white bombway

Persons seeking to move these articles interstate from the white striped fruit fly quarantine areas should refer to 7 CFR 301.32-4 for conditions governing their interstate movement.

For additional information on this white striped fruit fly eradication program, you may contact Wayne Burnett, APHIS Exotic Fruit Fly Director, Fruit Fly Exclusion and Detection Programs, at Area Code (301) 734-4387.