

Section 3423. Oriental Fruit Fly Interior Quarantine

A quarantine is established against the following pest, its hosts, and possible carriers:

A. Pest. A quarantine is established against the following pest, its host, and possible carriers: Oriental Fruit Fly (*Bactrocera dorsalis*).

B. Area Under Quarantine.

1. **An area shall be designed as under quarantine** when survey results indicate an infestation is present, the Department has defined the infested area, and the local California County Agricultural Commissioner(s) is notified and requests the quarantine area be established. The Department shall also provide electronic and/or written notification of the area designation(s) to other California County Agricultural Commissioners and other interested or affected parties and post the area description to its website at: <http://www.cdfa.ca.gov/plant/off/regulation.html>. An interested party may also go to the website and elect to receive automatic notifications of any changes in the regulated or quarantine areas through the list serve option.
2. **An infestation is present when:**
 - A. In urban areas either eggs, a larva, a pupa, a mated female or eight or more adult Oriental fruit flies of either sex are detected within three miles of each other and within one life cycle and all detections shall be more than 4.5 miles from any commercial host production area; or
 - B. In rural or commercial host production areas either eggs, a larva, a pupa, a mated female or six or more adult Oriental fruit flies of either sex are detected within three miles of each other and within one life cycle; or
 - C. Satellite infestations: Notwithstanding (b)(5), a detection of a single life stage of Oriental fruit fly within any established quarantine area may be considered a satellite infestation and may be used as the epicenter using an additional 4.5 mile radius surrounding the detection to expand the quarantine area.
3. **The initial area under quarantine shall be a minimum of 4.5 mile radius** surrounding the qualifying detections being used as an epicenter. Commercial host properties shall not be split by the quarantine boundary line and the boundary line shall be expanded beyond the 4.5 miles as necessary to encompass such host

material in its entirety. Wherever possible, known accepted mapping features, including but not limited to roads, streets, highways, creeks, streams, rivers, canals, city, county, State, park and forest boundary lines are used first if and if there is no acceptable features such as these then imaginary lines with or without latitude and longitude points may be used.

4. **Any interested party or local entity may appeal** an area designation by submission to the Department of a written request for review of the designation accompanied by clear and convincing evidence justifying a change in the designation. The appeal must be filed no later than ten (10) working days following receipt of the notice of designation. The Department must respond with a written decision no later than ten (10) working days following the receipt of the appeal. During the pending of the appeal, the designation under appeal shall remain in effect.
5. **The infested area designation shall be removed** if no additional life stages are detected by trapping or visual surveys for three life cycles after the last detection that triggered the quarantine. Subsequent detections within the quarantine area that are more than three miles from, or one lifecycle after, the detections triggering the quarantine will not affect the area or duration of the quarantine unless they meet the criteria in subsection (b)(2)(A) or (B).
6. **A life cycle** is an estimate of insect phenology based on a heat degree day temperature driven model. Base developmental temperature thresholds are used in this model's calculations and it estimates the generation time period necessary for the completion of a generation of Oriental Fruit Fly. Daily minimum and maximum temperatures are used to produce a sine curve over a 24- hour period. The degree days for that day are estimated by calculating the area above the threshold and below the curve, assuming that the temperature curve is symmetrical around the maximum temperature. For Oriental Fruit Fly the Department uses the lifecycle model with 47.1° Fahrenheit (8.375° Celsius) base developmental temperature and 1125 degree days Fahrenheit (625 degree days Celsius) per generation.

C. Commodities Covered. The following are declared to be hosts and possible carriers of Oriental fruit fly.

1. All fruit of the following plants:

Abiu (<i>Pouteria caimito</i>)
Acerola, Acerola cherry, Barbados cherry, west Indian cherry (<i>Malpighia glabra</i>)
African caper (<i>Capparis tomentosa</i>)
African eggplant (<i>Solanum anguivi</i>)
African locust-bean (<i>Parkia biglobosa</i>)
Ai xiao tian xian guo (<i>Ficus erecta</i>)
Akee (<i>Blighia sapida</i>)
Akia (<i>Wikstroemia phyllraefolia</i>)
Akia, false ohelo (<i>Wikstroemia uva-ursi</i>)
Alexander laurel, laurel (<i>Calophyllum inophyllum</i>)
Allspice (<i>Pimenta dioica</i>)
American persimmon (<i>Diospyros virginiana</i>)
Apple, common (<i>Malus sylvestris</i>)
Apricot (<i>Prunus armeniaca</i>)
Areca palm, betel nut (<i>Areca catechu</i>)
Asam damaran, asam kumbang (<i>Mangifera longipetiolata</i>)
Ash gourd, ash pumpkin (<i>Benincasa hispida</i>)
Asiatic poison bulb, spider lily (<i>Crinum asiaticum</i>)
Atemoya (<i>Annona × atemoya</i>)
Athapala (<i>Chrysophyllum roxburghii</i>)
Avocado (<i>Persea americana</i>)
Bachang mango (<i>Mangifera foetida</i>)
Badhara bush (<i>Gmelina elliptica</i>)
Baeltree (<i>Aegle marmelos</i>)
Balsam apple (<i>Momordica cochinchinensis</i>)
Bambangan (<i>Mangifera pajang</i>)
Banana (<i>Musa paradisiaca</i> var. <i>sapientum</i> = <i>Musa X paradisiaca</i>)
Banana, dwarf (<i>Musa nana</i>)
Barbados cherry (<i>Malpighia glabra</i>)
Barbados cherry, acerola (<i>Malpighia emarginata</i>)
Begonialeaf alangium (<i>Alangium chinense</i>)
Bell apple, water lemon, yellow granadilla (<i>Passiflora laurifolia</i>)
Belleric, beach almond (<i>Terminalia bellirica</i>)
Big eggplant (<i>Solanum erianthum</i>)
Bilimbi (<i>Averrhoa bilimbi</i>)
Bitter apple, wild gourd (<i>Citrullus colocynthis</i>)
Bitter Melon (Balsam Apple, Pear) (<i>Momordica balsamina</i> , <i>M. charantia</i>)
Black chuglam (<i>Terminalia citrina</i>)

Black currant tree (<i>Antidesma ghaesembilla</i>)
Black nightshade (<i>Solanum seaforthianum</i>)
Black persimmon, black sapote (<i>Diospyros digyna</i>)
Blind-your-eye mangrove (<i>Excoecaria agallocha</i>)
Boa pow, mangga (<i>Mangifera laurina</i>)
Bolly-beech (<i>Litsea glutinosa</i>)
Borneo rubber (<i>Willughbeia coriacea</i>)
Bottle gourd (<i>Lagenaria siceraria</i>)
Breadfruit (<i>Artocarpus altilis</i>)
Bugtree (<i>Solanum mauritianum</i>)
Burflower tree (<i>Neolamarckia cadamba</i>)
Burmese almondwood (<i>Chukrasia tabularis</i>)
Burmese Fishtail Palm (<i>Caryota mitis</i>)
Burmese grape (<i>Baccaurea ramiflora</i>)
Button mangosteen (<i>Garcinia prainiana</i>)
Cactus (<i>Cereus coerulescens</i>)
Caimitillo (<i>Chrysophyllum oliviforme</i>)
Calabash (<i>Crescentia cujete</i>)
Calamondin (<i>Citrofortunella microcarpa</i>)
California Walnut (Hind's Walnut) (<i>Juglans hindsii</i>)
Canary wood (<i>Nauclea orientalis</i>)
Canistel (Egg Fruit) (<i>Pouteria campechiana</i>)
Cape Gooseberry (Goldenberry, Ground Cherry) (<i>Physalis peruviana</i> , <i>P. minima</i>)
Caper Bush (<i>Capparis spinosa</i>)
Carandas-plum (<i>Carissa carandas</i>)
Cashew (<i>Anacardium occidentale</i>)
Cemetery tree, custard apple, India greenstar (<i>Polyalthia longifolia</i>)
Ceylon gooseberry, kitebilla (<i>Dovyalis hebecarpa</i>)
Ceylon olive (<i>Elaeocarpus serratus</i>)
Chempedak (<i>Artocarpus integer</i>)
Cherimoya (<i>Annona cherimola</i>)
Cherry Plum (Methley Plum) (<i>Prunus cerasifera</i>)
Cherry, Catalina, Ornamental (<i>Prunus ilicifolia</i>)
Cherry, Sweet (<i>Prunus avium</i>)
Chili (<i>Capsicum frutescens</i> var. <i>longum</i>)
Chinese Banyan (<i>Ficus microcarpa</i>)
Chinese elder (<i>Sambucus javanica</i>)
Chinese olive (<i>Canarium album</i>)
Chinese-arbutus (<i>Morella rubra</i>)
Chukin (<i>Callicarpa longifolia</i>)
Citron (<i>Citrus medica</i>)
Clementine (<i>Citrus clementina</i>)
Clove (<i>Syzygium aromaticum</i>)

Cluster fig (<i>Ficus racemose</i>)
Coastal premna (<i>Premna serratifolia</i>)
Cockspur thorn (<i>Maclura cochinchinensis</i>)
Coco plum (<i>Chrysobalanus icaco</i>)
Cocoa (<i>Theobroma cacao</i>)
Cocona, peach tomato (<i>Solanum sessiliflorum</i>)
Coffee, Arabian (<i>Coffea arabica</i>)
Common bushweed (<i>Flueggea virosa</i>)
Common hog plum (<i>Spondias pinnata</i>)
Common Indian mulberry (<i>Gynochthodes umbellata</i>)
Copey (<i>Clusia rosea</i>)
Country fig (<i>Sarcocephalus latifolius</i>)
Country gooseberry (<i>Averrhoa carambola</i>)
Cowa (<i>Garcinia cowa</i>)
Crab Apple (<i>Malus floribunda</i> , <i>Malus sylvestris</i>)
Cu ye rong (<i>Ficus hirta</i>)
Cucumber (<i>Cucumis sativas</i>)
Cucumis (<i>Cucumis ficifolius</i>)
Currant tomato (<i>Solanum pimpinellifolium</i>)
Currentbush (<i>Carissa spinarum</i>)
Custard apple (<i>Annona squamosa</i>)
Cutnut (<i>Barringtonia edulis</i>)
Daly River, satin-ash (<i>Syzygium nervosum</i>)
Dao rong (<i>Ficus virgata</i>)
Date palm (<i>Phoenix dactylifera</i>)
Devil's fig, turkeyberry (<i>Solanum torvum</i>)
Dheniani (<i>Olax scandens</i>)
Dikanut (<i>Irvingia gabonensis</i>)
Divine nightshade (<i>Solanum nigrescens</i>)
Doussie (<i>Azelia xylocarpa</i>)
Dragon Fruit (<i>Hylocereus undatus</i>)
Dragon tree (<i>Dracena draco</i>)
Dutch eggplant (<i>Solanum aculeatissimum</i>)
Eggfruit tree (<i>Pouteria campechiana</i>) = (<i>Lucuma nervosa</i>)
Eggplant (<i>Solanum melongena</i>)
Eggtree (<i>Garcinia dulcis</i>)
Elama, lama (<i>Diospyros sandwicensis</i>)
Elengi tree (<i>Mimusops elengi</i>)
English clammy berry (<i>Cordia dentata</i>)
Eugenia (Brazil Cherry, Surinam Cherry) (<i>Eugenia brasiliensis</i> , <i>E. uniflora</i>)
False yam
Fe'i banana (<i>Musa troglodytarum</i>)
Feng gua (<i>Gymnopetalum scabrum</i>)

Fig, Benjamin (<i>Ficus benjamina</i>)
Fig, common (<i>Ficus carica</i>)
Fig, Creeping, Climbing (<i>Ficus pumila</i>)
Fig, Sacred (<i>Ficus religiosa</i>)
Fijian longan (<i>Pometia pinnata</i>)
Formosan sugar palm (<i>Arenga engleri</i>)
Gandaria (<i>Bouea macrophylla</i>)
Garuga, nemismis (<i>Garuga floribunda</i>)
Gboma eggplant (<i>Solanum macrocarpon</i>)
Gelugor (<i>Garcinia atroviridis</i>)
Giant granadilla (<i>Passiflora quadrangularis</i>)
Gooseberry tree (<i>Phyllanthus acidus</i>)
Gourka (<i>Carcinia celebica</i>)
Gourka, gamboge tree (<i>Garcinia xanthochymus</i>)
Governor's plum, ramontehi, rukam (<i>Flacourtia indica</i>)
Granadilla, Purple Passionflower (<i>Passiflora edu</i>)
Granadilla, sweet (<i>Passiflora ligularis</i>)
Granadilla, yellow (<i>Passiflora lauriflora</i>)
Grape (<i>Vitis</i> spp.)
Grapefruit (<i>Citrus paradisi</i>)
Green sapote (<i>Pouteria viridis</i>)
Guava (<i>Psidium guajava</i>)
Guava, pineapple (<i>Feijoa sellowiana</i>)
Guava, red strawberry (<i>Psidium littorale</i>)
Guava, yellow strawberry (<i>Psidium cattleianum lucidum</i>)
Hairy fig (<i>Ficus hispida</i>)
Hedge caper bush (<i>Capparis sepiaria</i>)
Hei mu jiang zi (<i>Litsea salicifolia</i>)
Hen's eye, coralberry (<i>Ardisia crenata</i>)
Hong si xian (<i>Lycianthes biflora</i>)
Hui li (<i>Fagraea ceilanica</i>)
Imbu (<i>Spondias tuberosa</i>)
Indian nightshade (<i>Solanum lasiocarpum</i>)
Indian persimmon (<i>Diospyros malabarica</i>)
Italian tangerine, willow-leaf mandarin (<i>Citrus deliciosa</i>)
Ivy gourd (<i>Coccinia grandis</i>)
Jackalberry, African ebony (<i>Diospyros mespiliformis</i>)
Jackfruit (<i>Artocarpus heterophyllus</i>)
Jamaica cherry (<i>Muntingia calabura</i>)
Japanese apricot (<i>Prunus mume</i>)
Japanese banana (<i>Musa basjoo</i>)
Japanese persimmon, kaki, Oriental persimmon (<i>Diospyros kaki</i>)
Japanese summer grapefruit, natsu-daikai (<i>Citrus natsudaikai</i>)

Japanese Viburnum (<i>Viburnum japonicum</i>)
Java Apple (<i>Syzygium samarangense</i>)
Java-cedar, needlebark (<i>Bischofia javanica</i>)
Jerusalem cherry (<i>Solanum pseudocapsicum</i>)
Jharber (<i>Ziziphus nummularia</i> , = <i>Ziziphus rotundifolia</i>)
Jia ying zhua (<i>Desmos chinensis</i>)
Jiang guo wu jiu (<i>Balakata baccata</i>)
Jujube, Common (<i>Ziziphus zizyphus</i> , = <i>Ziziphus jujube</i>)
Jujube, Indian (<i>Ziziphus mauritiana</i>)
Jujube, Jackal (<i>Ziziphus oenoplia</i>)
Kabok (<i>Irvingia malayana</i>)
Kabuchi, keraji (<i>Citrus keraji</i>)
Kaffir Lime (<i>Citrus hystrix</i>)
Kandis (<i>Garcinia parvifolia</i>)
Kar (<i>Garcinia mannii</i>)
Kaya malam (<i>Diospyros diepenhorstii</i>)
Kelatiayu (<i>Lepisanthes rubiginosa</i>)
Keledang (<i>Artocarpus lanceifolius</i>)
Kitembilla (<i>Dovyalis hebecarpa</i>)
Kra doon (<i>Careya sphaerica</i>)
Kuine, Saipan mango (<i>Mangifera odorata</i>)
Kumquat (<i>Fortunella japonica</i> , <i>F. margarita</i> , <i>F. polyandra</i>)
Langsat (Lanzones) (<i>Lansium domesticum</i> (= <i>L. parasiticum</i>))
Lemon (<i>Citrus limon</i>)
Lemon, Rough (<i>Citrus jambhiri</i>)
Liane saba, mad, made (<i>Saba senegalensis</i>)
Lime, Indian Sweet (<i>Citrus limettioides</i>)
Lime, Persian (<i>Citrus latifolia</i>)
Lime, Rangpur (<i>Citrus limonia</i>)
Lime, sour (<i>Citrus aurantiifolia</i>)
Lime, Sweet (<i>Citrus limetta</i>)
Limeberry (<i>Triphasia trifolia</i>)
Limequat (<i>Citrofutunella floridana</i>)
Litchi (<i>Litchi chinensis</i>)
Llama (<i>Annona macrophyllata</i>)
Longan (<i>Euphoria longan</i>)
Loofa (Ribbed Loofa) (<i>Luffa acutangular</i> , <i>L. aegyptiaca</i>)
Loquat (<i>Eriobotrya japonica</i>)
Love-in-a-mist, pohapoha, stinking passion fruit (<i>Passiflora foetida</i>)
Lulalub (<i>Bridelia stipularis</i>)
Lychee (<i>Lychee chinensis</i>)
Ma kluea (<i>Diospyros mollis</i>)
Ma pong (<i>Garcinia speciosa</i>)

Mabolo, velvet apple (<i>Diospyros blancoi</i>)
Macawbush (<i>Solanum mammosum</i>)
Mai kua thoun (<i>Diospyros glandulosa</i>)
Ma-kok-nam (<i>Elaeocarpus hygrophilus</i>)
Malay apple (<i>Eugenia malaccensis</i>)
Malay apple, Java plum (<i>Syzygium cumini</i>)
Mammee apple (<i>Mammea americana</i>)
Mamuangpa (<i>Mangifera caloneura</i>)
Mandarin, tangerine (<i>Citrus reticulata</i>)
Mango (<i>Mangifera indica</i>)
Mangosteen (<i>Garcinia mangostana</i>)
Manila palm (<i>Adonidia merrillii</i>)
Marang (<i>Artocarpus odoratissimus</i>)
Maroola plum (<i>Sclerocarya birrea</i>)
Marrup, Tahitian chestnut (<i>Inocarpus fagiferus</i>)
Maypop, wild passion fruit (<i>Passiflora incarnata</i>)
Melon (including Cantaloupe, Honeydew, Muskmelon) (<i>Cucumis melo</i>)
Menteng (<i>Baccaurea racemosa</i>)
Mock orange (<i>Murraya exotica</i>)
Mombin (Hog Plum) (<i>Spondias dulcis</i> , <i>S.mombin</i> , <i>S.purpurea</i>)
Monkeyfruit (<i>Artocarpus lacucha</i>)
Monkey-jack (<i>Artocarpus rigidus</i>)
Mountain Apple (Rose Apple) (<i>Syzygium malaccense</i> (fmr. <i>Eugenia</i>))
Mountain persimmon (<i>Diospyros montana</i>)
Mountain soursop (<i>Annona montana</i>)
Mulberry, black (<i>Morus nigra</i>)
Mullein, nightshade (<i>Solanum donianum</i>)
Myrtle, downy rose (<i>Rhodomyrtus tomentosa</i>)
N/A (<i>Adenia cissampeloides</i>)
N/A (<i>Arenga westerhoutii</i>)
N/A (<i>Artabotrys monteiroae</i>)
N/A (<i>Artabotrys siamensis</i>)
N/A (<i>Artocarpus dadah</i>)
N/A (<i>Artocarpus lanceolatus</i>)
N/A (<i>Artocarpus sericicarpus</i>)
N/A (<i>Azadirachta excelsa</i>)
N/A (<i>Breynia reclinata</i>)
N/A (<i>Careya arborea</i>)
N/A (<i>Chionanthus parkinsonii</i>)
N/A (<i>Choerospondias axillaris</i>)
N/A (<i>Cissus repens</i>)
N/A (<i>Citrus depressa</i>)
N/A (<i>Citrus oto</i>)

N/A (<i>Cordyla pinnata</i>)
N/A (<i>Diospyros areolata</i>)
N/A (<i>Diospyros castanea</i>)
N/A (<i>Diospyros dasyphylla</i>)
N/A (<i>Drypetes floribunda</i>)
N/A (<i>Eugenia megacarpa</i>)
N/A (<i>Eugenia palumbis</i>)
N/A (<i>Ficus lepicarpa</i>)
N/A (<i>Ficus obpyramidata</i>)
N/A (<i>Ficus ottoniifolia</i>)
N/A (<i>Garcinia costata</i>)
N/A (<i>Garcinia griffithii</i>)
N/A (<i>Garcinia hombroniana</i>)
N/A (<i>Garcinia intermedia</i>)
N/A (<i>Garcinia subelliptica</i>)
N/A (<i>Garcinia venulosa</i>)
N/A (<i>Gmelina philippensis</i>)
N/A (<i>Haematostaphis barter</i>)
N/A (<i>Hanguana malayana</i>)
N/A (<i>Hexalobus monopetalus</i>)
N/A (<i>Heynea trijuga</i>)
N/A (<i>Holigarna kurzii</i>)
N/A (<i>Ixora javanica</i>)
N/A (<i>Kedrostis leloja</i>)
N/A (<i>Lepisanthes fruticosa</i>)
N/A (<i>Lepisanthes tetraphylla</i>)
N/A (<i>Maerua duchesnei</i>)
N/A (<i>Mammea siamensis</i>)
N/A (<i>Microcos tomentosa</i>)
N/A (<i>Morinda coreia</i>)
N/A (<i>Myxopyrum smilacifolium</i>)
N/A (<i>Ochreinauclea maingayi</i>)
N/A (<i>Ochrosia mariannensis</i>)
N/A (<i>Opilia amentacea</i>)
N/A (<i>Parinari anamensis</i>)
N/A (<i>Passiflora caerulea</i>)
N/A (<i>Passiflora suberosa</i>)
N/A (<i>Planchonella duclitan</i>)
N/A (<i>Polyalthia simiarum</i>)
N/A (<i>Pouteria alnifolia</i>)
N/A (<i>Pyrus pashia</i>)
N/A (<i>Saba comorensis</i>)
N/A (<i>Salacia verrucosa</i>)

N/A (<i>Schoepfia fragrans</i>)
N/A (<i>Shirakiopsis indica</i>)
N/A (<i>Siphonodon celastrineus</i>)
N/A (<i>Solanum americanum</i>)
N/A (<i>Solanum capsicoides</i>)
N/A (<i>Solanum granulosoleprosum</i>)
N/A (<i>Solanum stramonifolium</i>)
N/A (<i>Solanum trilobatum</i>)
N/A (<i>Streblus asper</i>)
N/A (<i>Strychnos mellodora</i>)
N/A (<i>Strychnos nux-vomica</i>)
N/A (<i>Syzygium borneense</i>)
N/A (<i>Syzygium grande</i>)
N/A (<i>Syzygium lineatum</i>)
N/A (<i>Toddalia asiatica</i>)
N/A (<i>Trichosanthes costata</i>)
N/A (<i>Uvaria grandiflora</i>)
N/A (<i>Uvaria littoralis</i>)
N/A (<i>Willughbeia cochinchinensis</i>)
N/A (<i>Xanthophyllum flavescens</i>)
N/A (<i>Zehneria mucronata</i>)
N/A (<i>Zehneria wallichii</i>)
N/A (<i>Ziziphus mucronata</i>)
Natal plum (<i>Carissa grandiflora</i>)
Native persimmon (<i>Diospyros abyssinica</i>)
Nectarine (<i>Prunus persica</i> var. <i>nectarina</i>)
Nighshade, Black, Palestine (Apple of Sodom, Bitterball) (<i>Solanum incanum</i> , <i>S. linnaeanum</i> , <i>S. nigrum</i>)
Noni, Indian mulberry (<i>Morinda citrifolia</i>)
Northern large leaf dragon tree (<i>Dracaena steudneri</i>)
Nyatoh (<i>Palaquium maingayi</i>)
Ohelo (<i>Vaccinium reticulatum</i>)
Olopua (<i>Nestegis sandwicensis</i>)
Orange, Bitter (<i>Citrus aurantium</i>)
Orange, calamondin (<i>Citrus japonica</i> & <i>Citrus mitis</i>)
Orange, Chinese (<i>Citrus japonica hazara</i>)
Orange, king (<i>Citrus nobilis</i>)
Orange, sour (<i>Citrus aurantium</i>)
Orange, sweet (<i>Citrus sinensis</i>)
Orange, Trifoliolate (<i>Poncirus trifoliata</i>)
Orange, unshu (<i>Citrus unshu</i>)
Otaheite apple (<i>Spondias dulcis</i>)

Palm, date (<i>Phoenix spp.</i>)
Palm, syrup (<i>Jubaea spectabilis</i>)
Panungaian (<i>Nephelium cuspidatum</i>)
Papaya, common (<i>Carica papaya</i>)
Paradise tree (<i>Simarouba glauca</i>)
passion fruit, soft leaf passionflower (<i>Passiflora tripartita</i>)
Passionflower, softleaf (<i>Passiflora mollissima</i>)
Passionfruit (Passionflower) (<i>Passiflora spp.</i>)
Passionfruit (yellow lilikoi) (<i>Passiflora edulis flavicarpa</i>)
Peach (<i>Prunus persica</i>)
Peach palm (<i>Bactris gasipaes</i>)
Pear (<i>Pyrus communis</i>)
Penarahan (<i>Horsfieldia subglobosa</i>)
Pepino (<i>Solanum muricatum</i>)
Pepper, bell or chilli (<i>Capsicum annum</i>)
Pepper, bush, red Oriental (<i>Capsicum frutescens var. abbreviatum</i>)
Pepper, sweet (<i>Capsicum frutescens var. grossum</i>)
Persimmon (<i>Diospyros spp.</i>)
Persimmon, Japanese (<i>Diospyros khaki</i>)
Petai (<i>Parkia speciosa</i>)
Philippine tea (<i>Ehretia microphylla</i>)
Pineapple (<i>Ananas comosus</i>)
Plum mango (<i>Bouea oppositifolia</i>)
Plum, American (<i>Prunus americana</i>)
Plum, European, Japanese (<i>Prunus domestica, P. salicina</i>)
Plum, garden, common European prune (<i>Prunus domestica</i>)
Pomegranate (<i>Punica granatum</i>)
Pond-apple (<i>Annona glabra</i>)
Prickly Pear (<i>Opuntia ficus-indica</i>)
Prickly pear, mission (<i>Opuntia megacantha</i>)
Prunier café (<i>Flacourtia rukam</i>)
Pua kenikeni (<i>Fagraea berteroana</i>)
Pummelo (<i>Citrus grandis</i>)
Pumpkin (including Acorn Squash, Ornamental Gourds) (<i>Cucurbita pepo</i>)
Pumpkin, Cushaw (<i>Cucurbita argyrosperma (= C. mixta)</i>)
Quince (<i>Cydonia oblonga</i>)
Quito orange (<i>Solanum quitoense</i>)
Rambai (<i>Baccaurea motleyana</i>)
Rambutan (<i>Nephelium lappaceum</i>)
Rawa (<i>Mangifera griffithii</i>)
Red angled tampoi (<i>Baccaurea angulata</i>)
Red sandalwood (<i>Adenanthera pavonina</i>)
Ribbed loofah (<i>Luffa acutangula</i>)

Rose apple (<i>Eugenia jambos</i> = <i>Syzygium jambos</i>)
Rose Cactus (<i>Pereskia grandifolia</i> (= <i>P. grandiflora</i>))
Roxburgh fig (<i>Ficus auriculata</i>)
Ryūkyū-mamegaki (<i>Diospyros japonica</i>)
Sage-leaf alangium (<i>Alangium salviifolium</i>)
Saka saka (<i>Glochidion littorale</i>)
San ye shan xiang yuan (<i>Turpinia ternata</i>)
Sandalwood (<i>Santalum paniculatum</i>)
Sandalwood, white (<i>Santalum album</i>)
Santan-pula (<i>Ixora macrothyrsa</i>)
Santol (<i>Sandoricum koetjape</i>)
Sapodilla (<i>Manilkara zapota</i>)
Sapodilla, chiku (<i>Achras zapota</i>)
Sapote, Black (<i>Diospyros nigra</i>)
Sapote, Mammee (<i>Pouteria sapota</i>)
Sapote, white (<i>Casimiroa edulis</i>)
Scarlet Eggplant (Gilo, Bitter Tomato) (<i>Solanum aethiopicum</i> (= <i>S. gilo</i>))
Screw Pine (Hala, Kewda, Panadus) (<i>Pandanus fragrans</i> (= <i>P. tectorius</i>), <i>P. odorifer</i>)
Sea ebony (<i>Diospyros maritima</i>)
Seagrape (<i>Coccoloba uvifera</i>)
Sekunyit (<i>Fibraurea tinctorial</i>)
Septic fig (<i>Ficus septica</i>)
Shan xiao ju (<i>Glycosmis pentaphylla</i>)
Shea-butter tree (<i>Vitellaria paradoxa</i>)
Shirodamo (<i>Neolitsea sericea</i>)
Si rui po (<i>Celtis tetrandra</i>)
Simpoh padang (<i>Dillenia obovate</i>)
Sinpaju (<i>Lepisanthes alata</i>)
Small shell ginger (<i>Alpinia mutica</i>)
Snake gourd (<i>Trichosanthes pilosa</i>)
Sondriy (<i>Sorindeia madagascariensis</i>)
Sour cherry, maraschino cherry (<i>Prunus cerasus</i>)
Sour cherry, wild Himalayan cherry (<i>Prunus cerasoides</i>)
Soursop (<i>Annona muricata</i>)
Squash (<i>Cucurbita maxima</i>)
Squash, Butternut (<i>Cucurbita moschata</i>)
Star apple (<i>Chrysophyllum cainito</i>)
Star gooseberry, katuk (<i>Sauropus androgynus</i>)
Starfruit (Carambola) (<i>Averrhoa carambola</i>)
Strawberry Tree (<i>Arbutus unedo</i>)
Striped-cucumber (<i>Diplocyclos palmatus</i>)
Sugar palm (<i>Arenga pinnata</i>)
Surinam cherry (<i>Eugenia uniflora</i>)

Sweet cherry (<i>Prunus avium</i>)
Sycamore fig, mulberry fig, wild fig (<i>Ficus sycomorus L.</i>)
Tabu (<i>Machilus thunbergii</i>)
Tai wan pu tao (<i>Syzygium formosanum</i>)
Taiwan cherry (<i>Prunus campanulate</i>)
Tangelo (<i>Citrus x tangelo</i>)
Terap (<i>Artocarpus elasticus</i>)
Thabut-net (<i>Mitrephora maingayi</i>)
Toddy palm (<i>Borassus flabellifer</i>)
Tomato (<i>Lycopersicon esculentum</i>)
Tree Tomato (Tamarillo) (<i>Solanum betaceum</i>)
Tropical almond (<i>Terminalia catappa, Terminalia chebula</i>)
Velvet apple (<i>Diospyros discolor</i>)
Walnut, California black (<i>Juglans hindsii</i>)
Walnut, English (<i>Juglans regia</i>)
Wampi (<i>Clausena lansium</i>)
Wampi (<i>Citrus lansium</i>)
Wani (<i>Mangifera caesia</i>)
Water Apple (Watery Rose Apple) (<i>Syzygium aqueum</i>)
Watermelon (<i>Citrullus lanatus</i>)
West Indian cherry (<i>Malpighia puniceifolia</i>)
White star apple (<i>Chrysophyllum albidum</i>)
Wild sapodilla (<i>Manilkara jaimiqui</i>)
Wild sweetsop (<i>Annona mucosa</i>)
Xiao ye hong guang shu (<i>Knema globularia</i>)
Yabu-nikkei (<i>Cinnamomum yabunikkei</i>)
Yellow Oleander (Lucky Nut) (<i>Thevetia peruviana</i>)
Yellow plum (<i>Ximenia americana</i>)
Yellow stem fig (<i>Ficus fistulosa</i>)
Ye-mein (<i>Aporosa villosa</i>)
Ylang-ylang (<i>Cananga odorata</i>)
Zhang ye yu huang cao (<i>Merremia vitifolia</i>)
Zhi ye rong (<i>Ficus chartacea</i>)
Zhui xu ding gong teng (<i>Erycibe subspicata</i>)
Zucchini (Summer Squash) (<i>Cucurbita pepo</i>)

2. **Any other product, article, or means of conveyance** when it is determined by the Secretary or county agricultural commissioner to present a hazard of spreading live Oriental fruit fly and the person in possession thereof has been so notified.

D. Restriction on Movement, Possession and Sale of Commodities Covered.

- 1. At the wholesale level, articles and commodities covered, which have been commercially produced within the area under quarantine,** are prohibited movement from or within the area under quarantine except in accordance with the following provisions:
 - a. The commodity has been treated for Oriental fruit fly in a manner approved by the Secretary, is transported in a manner approved by the Secretary to preclude exposure to Oriental fruit fly, and is accompanied by a certificate, verifying compliance with the above requirements, issued by the Secretary or county agricultural commissioner; or,
 - b. The commodity is moving for treatment for Oriental fruit fly or processing and in a manner approved by the Secretary to preclude exposure to Oriental fruit fly, and is accompanied by a written document affirming that movement has been authorized by the Secretary or county agricultural commissioner.
- 2. At the wholesale level, articles and commodities covered which have been commercially produced outside the area under quarantine** are prohibited movement into the area under quarantine except when accompanied by a shipping document indicating the point of origin and destination and moved in accordance with the following provisions:
 - a. The commodity is moving directly through the area under quarantine without delay in an enclosed vehicle or completely enclosed by a covering to prevent exposure to *B. dorsalis*; or,
 - b. The commodity is destined to a wholesale or retail establishment and, if moving between 9:00 a.m. and sunset, is transported in an enclosed vehicle, or completely enclosed by a covering to prevent exposure to *B. dorsalis*; or,
 - c. The commodity is destined to a commercial processing facility.
- 3. At the retail level, articles and commodities covered which have been commercially produced are prohibited movement from or within the area under quarantine** except when the person in possession has a sales slip or other comparable document showing the commodity was purchased from a commercial

establishment. **Articles and commodities covered which have been non-commercially produced within the area under quarantine**, including "backyard" production, are prohibited movement from the premises where grown except under written authorization of the Secretary or county agricultural commissioner.

4. **Articles and commodities covered which have been non-commercially produced outside the area under quarantine** are prohibited movement into the area under quarantine except when the person in possession has signed a statement showing the commodity, amount, origin, destination, and date of transportation.
5. **Within the area under quarantine, no wholesale or retail establishment shall handle, sell or offer for sale any article or commodity covered** unless such commodities at all times are maintained in a manner approved by the Secretary to preclude exposure to Oriental fruit fly.

Note: Authority: Sections 407, 5301, 5302 and 5322, Food and Agricultural Code. Reference: Sections 5301, 5302 and 5322, Food and Agricultural Code.