

## Section 3406. Mediterranean Fruit Fly Interior Quarantine

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

**A. Pest.** Mediterranean fruit fly (*Ceratitis capitata*) of the family Tephritidae is a notorious pest of most fleshy fruit and many vegetables. The adult has banded wings and is smaller than a house fly.

### **B. Area Under Quarantine.**

- 1. An area shall be designated 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: [www.cdffa.ca.gov/plant/medfly/regulation.html](http://www.cdffa.ca.gov/plant/medfly/regulation.html). An interested party may also go to the above website and elect to receive automatic notifications of any changes in quarantine areas through the list serve option.
- 2. If an area is not undergoing the sterile insect technique, an infestation is present** when eggs, a larva, a pupa, a mated female or two or more male or unmated female Mediterranean fruit fly adults are detected within three miles of each other and within one life cycle. In an area undergoing sterile insect technique the criteria for an infestation are the same except a single mated female does not constitute an infestation but counts towards an adult for two or more.
- 3. The initial area under quarantine shall be a minimum of a 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 and if there are no acceptable features such as these then imaginary lines with or without latitude and longitude points may be used.

4. **Satellite infestations:** a detection of a single life stage of Mediterranean 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.
5. **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 receipt of the appeal. During the pending of the appeal, the designation under appeal shall remain in effect.
6. **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 within the quarantine area.
7. **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 Mediterranean 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 Mediterranean fruit fly the Department uses the lifecycle model with 54.3° Fahrenheit base developmental temperature and 622 degree days Fahrenheit per generation.

### C. Commodities Covered.

1. **All fruit** (including nuts and berries), **vegetables** (other than leafy types grown above ground), **and the fruiting bodies of the plants listed herein.** All these items that are infested or are exposed to infestation by Mediterranean fruit fly are declared a public nuisance. Unless proven otherwise, all cultivars, varieties, and hybrids of the plant species listed herein are considered suitable hosts of *Ceratitis capitata*.

#### Scientific Name

#### Common Name(s)

<i>Acca sellowiana</i> (O. Berg) Burret	Pineapple guava, feijoa
<i>Acokanthera oppositifolia</i> (Lam.) Codd	Bushman's poison
<i>Acokanthera schimperi</i> (A. DC.) Benth. & Hook. f. ex Schweinf.	Arrow poison tree
<i>Actinidia chinensis</i> Planch	Golden kiwifruit
<i>Actinidia deliciosa</i> (A. Chev.) C. F. Liang & A. R. Ferguson	Kiwifruit
<i>Anacardium occidentale</i> L.	Cashew <sup>1</sup>
<i>Annona cherimola</i> Mill.	Cherimoya
<i>Annona muricata</i> L.	Soursop
<i>Annona reticulata</i> L.	Custard apple
<i>Annona senegalensis</i> Pers	Wild custard apple
<i>Antiaris toxicaria</i> (Pers.) Lesch.	Sackingtree
<i>Antidesma venosum</i> E. Mey. ex Tul.	Tassel berry
<i>Arbutus unedo</i> L.	Strawberry tree
<i>Arenga pinnata</i> (Wurmb) Merr.	Sugar palm
<i>Argania spinosa</i> (L.) Skeels	Argantree
<i>Artabotrys monteiroae</i> Oliv.	N/A
<i>Artocarpus altilis</i> (Parkinson) Fosberg	Breadfruit
<i>Averrhoa bilimbi</i> L.	Bilimbi
<i>Averrhoa carambola</i> L.	Starfruit
<i>Azima tetraacantha</i> Lam.	N/A
<i>Berberis holstii</i> Engl.	N/A
<i>Blighia sapida</i> K. D. Koenig	Akee
<i>Bouyeria petiolaris</i> (Lam.) Thulin	N/A
<i>Brucea antidysenterica</i> J. F. Mill	N/A
<i>Butia capitata</i> (Mart.) Becc.	Jelly palm, coco palm

<i>Byrsonima crassifolia</i> (L.) Kunth	Golden spoon
<i>Calophyllum inophyllum</i> L.	Alexandrian laurel
<i>Calophyllum tacamahaca</i> Willd.	Tamanu
<i>Calotropis procera</i> (Aiton) W. T. Aiton	Sodom's apple milkweed
<i>Cananga odorata</i> (Lam.) Hook. f. & Thomson	Ylang-ylang
<i>Capparicordis crotonoides</i> (Kunth) Iltis & Cornejo	N/A
<i>Capparis sandwichiana</i> DC.	Puapilo
<i>Capparis sepiaria</i> L.	N/A
<i>Capparis spinosa</i> L.	Caperbush
<i>Capsicum annuum</i> L.	Sweet pepper, hot pepper, chili
<i>Capsicum baccatum</i> L.	Barpeppar, amarillo chili
<i>Capsicum chinense</i> Jacq.	Bonnet pepper
<i>Capsicum frutescens</i> L.	Bird pepper
<i>Capsicum pubescens</i> Ruiz & Pav.	Apple chile
<i>Carica papaya</i> L.	Papaya
<i>Carissa bispinosa</i> (L.) Desf. ex Brenan	Hedgethorn
<i>Carissa carandas</i> L.	Bengal currants
<i>Carissa macrocarpa</i> (Eckl.) A. DC.	Natal plum
<i>Carissa spinarum</i> L.	Carandas plum
<i>Carissa tetramera</i> Stapf	N/A
<i>Carya illinoensis</i> (Wangenh.) K. Koch	Pecan <sup>1</sup>
<i>Casimiroa edulis</i> La Llave & Lex.	White sapote
<i>Celtis tala</i> Gillies ex Planch.	Tala
<i>Cestrum nocturnum</i> L.	Lady of the night
<i>Chrysobalanus icaco</i> L.	Coco plum
<i>Chrysophyllum cainito</i> L.	Star apple
<i>Chrysophyllum gonocarpum</i> (Mart. & Eichler) Engl.	N/A
<i>Chrysophyllum oliviforme</i> L.	Wild star apple, satinleaf
<i>Chrysophyllum viridifolium</i> J. M. Wood & Franks	N/A
<i>Citharexylum myrianthum</i> Cham.	N/A
<i>Citrofortunella microcarpa</i> (Bunge) Wijnands	Calamondin
<i>Citrus aurantiifolia</i> (Christm.) Swingle	Sour lime
<i>Citrus aurantium</i> L.	Sour orange
<i>Citrus deliciosa</i> Ten.	Mediterranean mandarin

<i>Citrus jambhiri</i> Lush.	Rough lemon
<i>Citrus latifolia</i> (Yu. Tanaka) Tanaka	Persian lime
<i>Citrus limetta</i> Risso	Sweet lemon
<i>Citrus limettioides</i> Tanaka	Palestine sweet lemon
<i>Citrus limon</i> (L.) Burm. f.	Lemon <sup>2</sup>
<i>Citrus limonia</i> Osbeck	Canton lemon
<i>Citrus maxima</i> (Burm.) Merr.	Pummelo
<i>Citrus medica</i> L.	Citron
<i>Citrus meyeri</i> Yu. Tanaka	Meyer lemon
<i>Citrus myrtifolia</i> Raf.	Myrtle-leaf orange
<i>Citrus nobilis</i> Lour.	King orange
<i>Citrus paradisi</i> Macfad.	Grapefruit
<i>Citrus reshni</i> hort. ex Tanaka	Cleopatra mandarin
<i>Citrus reticulata</i> Blanco	Mandarin
<i>Citrus sinensis</i> (L.) Osbeck	Orange
<i>Citrus x tangelo</i> J. W. Ingram & H. E. Moore	Tangelo
<i>Citrus unshiu</i> Marcow.	Satsuma mandarin
<i>Clausena anisata</i> (Willd.) Hook. f.	Horsewood
<i>Clausena lansium</i> (Lour.)	Skeels Wampi
<i>Coccinia grandis</i> (L.) Voigt	Ivy gourd
<i>Coccinia microphylla</i> Gilg	N/A
<i>Coccoloba uvifera</i> (L.) L.	Sea grape
<i>Coffea arabica</i> L.	Arabian coffee
<i>Coffea canephora</i> Pierre ex A. Froehner	Robusta coffee
<i>Coffea liberica</i> W. Bull ex Hiern	Liberian coffee
<i>Cola natalensis</i> Oliv.	N/A
<i>Corallocarpus ellipticus</i> Chiov.	N/A
<i>Cordia</i> sp.	N/A
<i>Corynocarpus laevigatus</i> J. R. Forst & G. Forst	Karakatrad
<i>Crataegus azarolus</i> L.	Azarole
<i>Crataegus gracilior</i> J. B. Phipps	N/A
<i>Cucumis dipsaceus</i> Ehrenb. ex Spach	Hedgehog cucumber
<i>Cucurbitella asperata</i> (Gillies ex Hook. & Arn.) Walp.	N/A
<i>Cyclanthera pedata</i> (L.) Schrad.	Lady's slipper
<i>Cydonia oblonga</i> Mill.	Quince
<i>Dimocarpus longan</i> Lour.	Longan
<i>Diospyros abyssinica</i> (Hiern) F. White	N/A

<i>Diospyros decandra</i> Lour.	Chan in, gold apple
<i>Diospyros ebenum</i> J. Koenig	Ceylon ebony
<i>Diospyros kaki</i> Thunb.	Japanese persimmon
<i>Diospyros mespiliformis</i> Hochst. ex A. DC.	N/A
<i>Diospyros pallens</i> (Thunb.) F. White	N/A
<i>Diospyros pubescens</i> Pers.	N/A
<i>Diospyros virginiana</i> L.	American persimmon
<i>Dovyalis caffra</i> (Hook. f. & Harv.) Sim.	Kei apple
<i>Dovyalis hebecarpa</i> (Gardner) Warb.	Ceylon gooseberry
<i>Drypetes floribunda</i> (Müll. Arg.) Hutch.	N/A
<i>Drypetes gerrardii</i> Hutch.	N/A
<i>Drypetes natalensis</i> (Harv.) Hutch.	N/A
<i>Ehretia cymosa</i> Thonn.	N/A
<i>Ekebergia capensis</i> Sparrm.	Cape ash
<i>Elaeodendron schweinfurthianum</i> (Loes.) Loes	N/A
<i>Englerophytum magalimontanum</i> (Sond.) T. D. Penn.	N/A
<i>Eriobotrya japonica</i> (Thunb.) Lindl.	Loquat
<i>Euclea divinorum</i> Hiern	N/A
<i>Eugenia brasiliensis</i> Lam.	Brazil cherry
<i>Eugenia involucrata</i> DC.	Cherry of the Rio Grande
<i>Eugenia pyriformis</i> Cambess.	Uvaia
<i>Eugenia uniflora</i> L.	Surinam cherry
<i>Ficus carica</i> L.	Fig
<i>Filicium decipiens</i> (Wight & Arn.) Thwaites ex Hook. f.	N/A
<i>Flacourtia indica</i> (Burm. f.) Merr.	Governor's plum
<i>Flagellaria guineensis</i> Schumach.	N/A
<i>Flueggea virosa</i> (Roxb. ex Willd.) Royle	N/A
<i>Fortunella japonica</i> (Thunb.) Swingle	Round kumquat
<i>Fortunella margarita</i> (Lour.) Swingle	Oval kumquat
<i>Frangula californica</i> (Eschsch.) A. Gray	California buckthorn
<i>Garcinia brasiliensis</i> Mart.	N/A
<i>Garcinia livingstonei</i> T. Anderson	African mangosteen
<i>Garcinia mangostana</i> L.	Mangosteen
<i>Garcinia xanthochymus</i> Hook. f.	Sour mangosteen
<i>Geoffroea decorticans</i> (Gillies ex Hook. & Arn.) Burkart	Chañar

<i>Grewia trichocarpa</i> Hochst. ex A. Rich.	N/A
<i>Guettarda speciosa</i> L.	Sea randa
<i>Hancornia speciosa</i> Gomes	Mangaba
<i>Harpephyllum caffrum</i> Bernh. ex C. Krauss	Kaffir date
<i>Harrisonia abyssinica</i> Oliv.	N/A
<i>Hexachlamys edulis</i> (O. Berg) Kausel & D. Legrand	Cereja do Rio Grande
<i>Inga feuilleei</i> DC.	Pacae
<i>Inga laurina</i> (Sw.) Willd.	N/A
<i>Inga sellowiana</i> Benth.	N/A
<i>Juglans australis</i> Griseb.	Argentine walnut <sup>1</sup>
<i>Juglans hindsii</i> (Jeps.) R. E. Sm.	Hind's black walnut <sup>1</sup>
<i>Juglans neotropica</i> Diels	Andean walnut <sup>1</sup>
<i>Juglans nigra</i> L.	Black walnut <sup>1</sup>
<i>Juglans regia</i> L.	English walnut <sup>1</sup>
<i>Lagenaria siceraria</i> (Molina) Standl.	Bottle gourd
<i>Lamprothamnus zanguebaricus</i> Hiern	N/A
<i>Latania loddigesii</i> Mart.	Blue latan
<i>Licania tomentosa</i> (Benth.) Fritsch	Oiti
<i>Litchi chinensis</i> Sonn.	Lychee
<i>Ludia mauritiana</i> J. F. Gmel.	N/A
<i>Lycium europaeum</i> L.	Boxthorn
<i>Lycium ferocissimum</i> Miers	African boxthorn
<i>Lycium subglubosum</i> L.	N/A
<i>Malpighia emarginata</i> DC.	Barbados cherry
<i>Malpighia glabra</i> L.	Acerola
<i>Malus floribunda</i> Siebold ex Van Houtte	Japanese crab apple
<i>Malus pumila</i> Mill.	Paradise apple, apple
<i>Malus sylvestris</i> (L.) Mill.	Crab apple
<i>Mangifera indica</i> L.	Mango
<i>Manilkara butugi</i> Chiov.	N/A
<i>Manilkara jaimiqui</i> (C. Wright) Dubard	Wild sapodilla
<i>Manilkara sansibarensis</i> (Engl.) Dubard	N/A
<i>Manilkara sulcata</i> (Engl.) Dubard	N/A
<i>Manilkara zapota</i> (L.) P. Royen	Sapote
<i>Matisia cordata</i> Humb. & Bonpl.	South American sapote
<i>Mespilus germanica</i> L.	Medlar
<i>Mimusops bagshawei</i> S. Moore	N/A

<i>Mimusops caffra</i> E. Mey. ex A. DC.	Coastal red milkwood
<i>Mimusops elengi</i> L.	Medlar
<i>Mimusops kirkii</i> Baker	N/A
<i>Mimusops kummel</i> Bruce ex A. DC.	N/A
<i>Mimusops obtusifolia</i> Lam.	N/A
<i>Mimusops zeyheri</i> Sond.	Transvaal red milkwood
<i>Momordica charantia</i> L.	Balsam apple
<i>Monodora grandidieri</i> Baill.	N/A
<i>Morus alba</i> L.	White mulberry
<i>Morus nigra</i> L.	Black mulberry
<i>Morus rubra</i> L.	Red mulberry
<i>Mouriri elliptica</i> Mart.	N/A
<i>Muntingia calabura</i> L.	Calabur tree
<i>Murraya exotica</i> L.	Chinese boxwood
<i>Murraya paniculata</i> (L.) Jack	Mock orange, orange jessamine
<i>Musa acuminata</i> Colla	Banana <sup>3</sup>
<i>Musa x paradisiaca</i> L.	French plantain <sup>3</sup>
<i>Myrcianthes pungens</i> (O. Berg) D. Legrand	Guabiju
<i>Myrianthus arboreus</i> P. Beauv.	N/A
<i>Noronhia emarginata</i> (Lam.) Thouars	Chinese plum
<i>Ochrosia elliptica</i> Labill.	Scarlet wedge-apple
<i>Olea europaea</i> L.	Olive
<i>Olea woodiana</i> Knobl.	N/A
<i>Opilia amentacea</i> Roxb.	N/A
<i>Opuntia</i> spp.	Tuna, prickly-pear
<i>Oxyanthus zanguebaricus</i> (Hiern) Bridson	N/A
<i>Parmentiera aculeata</i> (Kunth) Seem.	Candletree
<i>Passiflora alata</i> Curtis	Wingstem passionflower
<i>Passiflora caerulea</i> L.	Blue passionflower
<i>Passiflora edulis</i> Sims	Common passionflower, passion fruit
<i>Passiflora foetida</i> L.	Love-in-a-mist passionflower
<i>Passiflora ligularis</i> Juss.	Sweet granadilla
<i>Passiflora suberosa</i> L.	Cork passionflower
<i>Passiflora tripartita</i> (Juss.) Poir.	Banana passionflower
<i>Pentstemon alpinus</i> (L.) Hiepko	N/A
<i>Peponium mackenzii</i> (Naudin) Engl.	N/A
<i>Pereskia aculeata</i> Mill.	Barbados gooseberry



<i>Persea americana</i> Mill.	Avocado <sup>4</sup>
<i>Phoenix dactylifera</i> L.	Date
<i>Phyllanthus acidus</i> (L.) Skeels	Gooseberry tree
<i>Physalis peruviana</i> L.	Cape gooseberry
<i>Pithecellobium dulce</i> (Roxb.) Benth.	Blackbead
<i>Plinia cauliflora</i> (Mart.) Kausel	Jaboticaba
<i>Podocarpus elongatus</i> (Aiton) L'Her. ex Pers.	Breeder River yellowwood
<i>Polysphaeria parvifolia</i> Hiern	N/A
<i>Poncirus trifoliata</i> (L.) Raf.	Hardy orange
<i>Pouteria caimito</i> (Ruiz & Pav.) Radlk.	Caimito
<i>Pouteria campechiana</i> (Kunth) Baehni	Canistel
<i>Pouteria lucuma</i> (Ruiz & Pav.) Kuntze	Lucmo
<i>Pouteria ramiflora</i> (Mart.) Radlk.	N/A
<i>Pouteria sapota</i> (Jacq.) H. E. Moore & Stearn	Mammee sapote
<i>Pouteria viridis</i> (Pittier) Cronquist	Injerto, green sapote
<i>Prunus africana</i> (Hook. f.) Kalkman	African cherry
<i>Prunus americana</i> Marshall	American plum
<i>Prunus armeniaca</i> L.	Apricot
<i>Prunus avium</i> (L.) L.	Sweet cherry
<i>Prunus cerasifera</i> Ehrh.	Cherry plum
<i>Prunus cerasus</i> L.	Dwarf cherry
<i>Prunus domestica</i> L.	Plum
<i>Prunus dulcis</i> (Mill.) D. A. Webb	Almond <sup>1</sup>
<i>Prunus ilicifolia</i> (Nutt. ex Hook. & Arn.) D. Dietr.	Hollyleaf cherry
<i>Prunus mume</i> Siebold & Zucc.	Japanese apricot
<i>Prunus persica</i> (L.) Batsch	Peach, nectarine
<i>Prunus salicina</i> Lindl.	Chinese plum, Japanese plum
<i>Prunus serotina</i> Ehrh.	Black cherry
<i>Psidium cattleianum</i> Sabine	Cattley guava, strawberry guava
<i>Psidium friedrichsthalianum</i> (O. Berg) Nied. Costa	Rican guava
<i>Psidium guajava</i> L.	Guava
<i>Psidium guineense</i> Sw.	Brazilian guava
<i>Punica granatum</i> L.	Pomegranate <sup>5</sup>
<i>Pyrus communis</i> L.	Pear
<i>Pyrus pyrifolia</i> (Burm. f.) Nakai	Sandparon
<i>Rubus idaeus</i> L.	Raspberry

<i>Rubus lucidus</i> Rydb.	N/A
<i>Rubus sanctus</i> Schreb.	Blackberry
<i>Salacia elegans</i> Welw. ex Oliv.	N/A
<i>Salpichroa origanifolia</i> (Lam.) Thell.	Cock's eggs
<i>Sandoricum koetjape</i> (Burm. f.) Merr.	Red santol
<i>Santalum album</i> L.	Sandalwood
<i>Santalum ellipticum</i> Gaudich.	Yellow sandalwood
<i>Scaevola plumieri</i> (L.) Vahl	Beechberry
<i>Scaevola taccada</i> (Gaertn.) Roxb.	Beach naupaka
<i>Sideroxylon foetidissimum</i> Jacq.	False mastic
<i>Sideroxylon inerme</i> L.	N/A
<i>Sideroxylon polynesianum</i> (Hillebr.) Smedmark & Anderb	N/A
<i>Simmondsia chinensis</i> (Link) C. K. Schneid.	Jojoba
<i>Solanum aethiopicum</i> L.	Chinese scarlet eggplant <sup>6</sup>
<i>Solanum betaceum</i> Cav.	Tree tomato, tamarillo
<i>Solanum elaeagnifolium</i> Cav.	Bull nettle
<i>Solanum glaucophyllum</i> Desf.	N/A
<i>Solanum incanum</i> L.	Palestine nightshade
<i>Solanum linnaeanum</i> Hepper & P.-M. L. Jaeger	Apple of Sodom
<i>Solanum lycopersicum</i> L.	Tomato <sup>7</sup>
<i>Solanum macrocarpon</i> L.	African eggplant <sup>6</sup>
<i>Solanum mauritianum</i> Scop.	Bugtree
<i>Solanum muricatum</i> Aiton	Melon pear
<i>Solanum nigrum</i> L.	Black nightshade
<i>Solanum pimpinellifolium</i> L.	Currant tomato
<i>Solanum pseudocapsicum</i> L.	Jerusalem-cherry
<i>Solanum scabrum</i> Mill.	Garden huckleberry
<i>Solanum seaforthianum</i> Andrews	Climbing nightshade
<i>Solanum sessiliflorum</i> Dunal	Cocona
<i>Solanum sisymbriifolium</i> Lam.	Dense thorn bitter apple
<i>Solanum torvum</i> Sw.	Turkey berry
<i>Spondias dulcis</i> Sol. ex Parkinson	Golden apple
<i>Spondias mombin</i> L.	Hog plum
<i>Spondias purpurea</i> L.	Red mombin
<i>Spondias tuberosa</i> Arruda ex Kost.	Imbu
<i>Spondias venulosa</i> (Engl.) Mart. ex Engl.	N/A

<i>Sterculia apetala</i> (Jacq.) H. Karst.	Panama tree
<i>Strychnos decussata</i> (Pappe) Gilg	N/A
<i>Strychnos henningsii</i> Gilg	N/A
<i>Strychnos potatorum</i> L. f.	Clearing nut tree
<i>Strychnos pungens</i> Soler.	N/A
<i>Syngonium podophyllum</i> Schott	American evergreen
<i>Synsepalum dulcificum</i> (Schumach.) Daniell	Miracle fruit
<i>Syzygium cumini</i> (L.) Skeels	Jambolan, Java plum
<i>Syzygium jambos</i> (L.) Alston	Malabar plum, rose apple,
<i>Syzygium malaccense</i> (L.) Merr. & L. M. Perry	Malay apple
<i>Syzygium paniculatum</i> Gaertn.	Magenta lilly-pilly
<i>Syzygium samarangense</i> (Blume) Merr. & L. M. Perry	Java apple
<i>Terminalia catappa</i> L.	Tropical almond
<i>Terminalia chebula</i> Retz.	Black myrobalan
<i>Theobroma cacao</i> L.	Cacao
<i>Thevetia peruviana</i> (Pers.) K. Schum.	Lucky nut
<i>Triphasia</i> sp.	N/A
<i>Vaccinium ashei</i> J. M. Reade	Rabbit-eye blueberry
<i>Vaccinium angustifolium</i> Aiton	Lowbush blueberry
<i>Vaccinium corymbosum</i> L.	Highbush blueberry
<i>Vaccinium virgatum</i> Aiton	Rabbit-eye blueberry
<i>Vangueria infausta</i> Burch.	African medlar
<i>Vasconcellea quercifolia</i> A. St.-Hil.	Calasacha, oak leaf papaya
<i>Vepris lanceolata</i> (Lam.) G. Don	White ironwood
<i>Vepris nobilis</i> (Delile) Mziray	N/A
<i>Vepris simplicifolia</i> (Engl.) Mziray	N/A
<i>Vepris trichocarpa</i> (Engl.) Mziray	N/A
<i>Vitis</i> spp.	Grapes
<i>Wikstroemia phillyreifolia</i> A. Gray	N/A
<i>Ximenia americana</i> L.	False sandalwood
<i>Ximenia caffra</i> Sond.	N/A
<i>Ziziphus jujuba</i> Mill.	Chinese jujube
<i>Ziziphus lotus</i> (L.) Lam.	Lotus jujube
<i>Ziziphus mauritiana</i> Lam.	Chinese apple
<i>Ziziphus spina-christi</i> (L.) Desf.	Christ's thorn

<sup>1</sup> Harvested nuts (almonds, pecans, walnuts) with dried husks are not regulated.

<sup>2</sup> Smooth-skinned lemons—‘Eureka,’ ‘Lisbon,’ and ‘Villa Franca’—are not regulated.

<sup>3</sup> Green bananas of the cultivars ‘Williams,’ ‘Valery,’ ‘Grand Nain,’ and standard and dwarf ‘Brazilian’ without “faults” are not regulated.

<sup>4</sup> Movement of ‘Hass’ avocados in and from quarantined areas is allowed if in accordance with Department-approved regulatory measures.

<sup>5</sup> Pomegranate arils are not regulated.

<sup>6</sup> Commercially produced eggplants are not regulated.

<sup>7</sup> Only red ripe or turning tomatoes are regulated. Green tomatoes are not regulated.

2. **Soil** within the drip area of plants producing, or which have produced fruit, vegetables or berries as listed in (C.1) above.

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

1. **Movement of Commodities Covered; Commercial Production and Wholesale Distribution.** It is unlawful to move within or from the quarantine area any commodity covered involving a commercial shipment at the production or wholesale level except in accordance with the following provisions:
  - a. The commodity was produced inside or outside the quarantine area, has been commercially processed and packaged, or after commercial processing is being transported in bulk in a manner approved by the Director specifying conditions precluding infestation;
  - b. The commodity was produced inside the quarantine area, is in unprocessed form and is moved under permit of the Director specifying conditions precluding infestation;
  - c. The commodity was produced outside the quarantine area, is in unprocessed form and is being transported:
    - i. through the area by direct route and without delay in closed vehicles or containers; or
    - ii. to a commercial processing plant inside or outside the quarantine area; or

- iii. under permit of the Director specifying conditions precluding infestation.

**2. Movement of Commodities Covered from Commercial Sources; Retail**

**Level.** Retail size purchases of commodities covered obtained from commercial retail sources may be moved into, within or from the quarantine area, if the person in possession has a sales slip or other comparable document showing the purchase was made from a commercial retail establishment. Other transportation of such commodities is prohibited.

**3. Movement of Commodities Covered; Not from Commercial Sources.**

a. Within the quarantine area, no commodity covered, including “backyard” production, shall be moved from the premises where grown without a permit from the Director;

b. Commodities covered not obtained from commercial sources may be transported into the quarantine area only if the person in possession has a signed statement showing the commodity, amount, place of origin, destination and date of transportation.

**4. Restrictions on Wholesale and Retail Sales.** Within the quarantine area, no wholesale or retail establishment shall handle, sell or offer for sale any commodity covered unless such commodities at all times are maintained in such a way or manner as to preclude pest exposure as determined by the Director. No commodity covered shall be held for sale or sold from a truck, trailer or other mobile vehicle.

**5. No person shall transport, possess, handle or sell any commodity covered in violation of the provisions of this section.** No person shall knowingly prepare, possess, or use any false document, or knowingly make any false statement to any enforcement officer, in connection with the possession, sale or transportation of any commodity covered.

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