

3439 Huanglongbing Disease **State Interior Quarantine**

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

A. Pest. Huanglongbing (HLB) disease (HLB associated bacteria *Candidatus Liberibacter asiaticus*) and its vector, the Asian citrus psyllid (ACP), *Diaphorina citri*.

B. Area Under Quarantine.

In Los Angeles and Orange counties, in the Hacienda Heights area:

Beginning at the intersection of Tyler Avenue and Garvey Avenue; then, starting easterly along Garvey Avenue to its intersection with Cogswell Road; then, northeasterly along Cogswell Road to its intersection with Deana Street; then, southeasterly along Deana Street to its intersection with Durfee Avenue; then, northeasterly along Durfee Avenue to its intersection with Ramona Boulevard; then, northeasterly along Ramona Boulevard to its intersection with Stewart Avenue; then, southeasterly along Stewart Avenue to its intersection with Baldwin Park Boulevard; then, northeasterly along Baldwin Park Boulevard to its intersection with La Rica Avenue; then, southeasterly along La Rica Avenue to its intersection with Maine Avenue; then, northeasterly along Maine Avenue to its intersection with Pacific Avenue; then, southeasterly along Pacific Avenue to its intersection with Puente Avenue; then, northeasterly along Puente Avenue to its intersection with Root Street; then, starting northeasterly along Root Street to its intersection with W Puente Avenue; then, easterly along W Puente Avenue to its intersection with N Vincent Avenue; then, southerly along N Vincent Avenue to its intersection with E Rowland Avenue; then, easterly along E Rowland Avenue to its intersection with N Lark Ellen Avenue; then, southerly along N Lark Ellen Avenue to its intersection with US Interstate 10; then, easterly along US Interstate 10 to its intersection with S Hollenbeck Street; then, southerly along S Hollenbeck Street to its intersection with E Cameron Avenue; then, starting easterly along E Cameron Avenue to its intersection with Cameron Avenue; then, starting southeasterly along Cameron Avenue to its intersection with N Grand Avenue; then, starting southeasterly along N Grand Avenue to its intersection with Amar Road; then, southwesterly along Amar Road to its intersection with N Lemon Avenue; then, starting southeasterly along N Lemon Avenue to its intersection with La Puente Road; then, southwesterly along La Puente Road to its intersection with S Flemington Drive; then, starting southeasterly along S Flemington Drive to its intersection with E Millridge Drive; then, westerly along E Millridge Drive to its intersection with Camino de Gloria; then, starting southeasterly along Camino de Gloria to its intersection with Valley Boulevard; then, southwesterly along Valley Boulevard to its intersection with Fairway Drive; then, starting southerly along Fairway Drive to its intersection with E Walnut Drive S; then, northwesterly along E Walnut Drive S to its intersection with Brea Canyon Cutoff Road; then, southerly along Brea Canyon Cutoff Road to its intersection with Searls Drive; then, northwesterly along Searls Drive to its intersection with Annadel Avenue; then, southwesterly along Annadel Avenue to its intersection

with Cronin Drive; then, southeasterly along Cronin Drive to its intersection with Ybarra Drive; then, starting southwesterly along Ybarra Drive to its intersection with Springport Drive; then, southeasterly along Springport Drive to its intersection with Bluehaven Drive; then, southwesterly along Bluehaven Drive to its intersection with Nacora Street; then, southeasterly along Nacora Street to its intersection with Pepperdale Drive; then, starting southerly along Pepperdale Drive to its intersection with Pathfinder Road; then, northwesterly along Pathfinder Road to its intersection with Windrose Drive; then, starting southwesterly along Windrose Drive to its intersection with 33.973100 latitude and -117.878869 longitude; then, southwesterly along an imaginary line to its intersection with the boundary line of Los Angeles County at 33.945677 latitude and -117.887132 longitude; then, westerly along said boundary line to its intersection with 33.945872 latitude and -117.909144 longitude; then, southerly along an imaginary line to its intersection with the northern most end of Arthur Drive; then, starting southwesterly along Arthur Drive to its intersection with Oakcrest Avenue; then, southwesterly along Oakcrest Avenue to its intersection with Old Mill Road; then, southeasterly along Old Mill Road to its intersection with Northwood Avenue; then, westerly along Northwood Avenue to its intersection with N Puente Street; then, southerly along N Puente Street to its intersection with Whittier Avenue; then, westerly along Whittier Avenue to its intersection with N Harbor Boulevard; then, southerly along N Harbor Boulevard to its intersection with E La Habra Boulevard; then, westerly along E La Habra Boulevard to its intersection with W La Habra Boulevard; then, westerly along W La Habra Boulevard to its intersection with Leffingwell Road; then, starting westerly along Leffingwell Road to its intersection with the Southern Pacific Railroad; then, northwesterly along the Southern Pacific Railroad to its intersection with the Union Pacific Railroad; then, northwesterly along the Union Pacific Railroad to its intersection with Laurel Avenue; then, northeasterly along Laurel Avenue to its intersection with Whittier Boulevard; then, northwesterly along Whittier Boulevard to its intersection with Bright Avenue; then, northerly along Bright Avenue to its intersection with La Cuarta Street; then, westerly along La Cuarta Street to its intersection with the Union Pacific Railroad; then, starting northwesterly along the Union Pacific Railroad to its intersection with Hadley Street; then, easterly along Hadley Street to its intersection with Citrus Avenue; then, northerly along Citrus Avenue to its intersection with Beverly Boulevard; then, starting westerly along Beverly Boulevard to its intersection with US Interstate 605; then, starting northeasterly along US Interstate 605 to its intersection with San Gabriel River Parkway; then, starting northwesterly along San Gabriel River Parkway to its intersection with 34.019642 latitude and -118.052067 longitude; then, northwesterly along an imaginary line to Durfee Avenue at 34.030386 latitude and -118.055438 longitude; then, northeasterly along Durfee Avenue to its intersection with Santa Anita Avenue; then, starting northwesterly along Santa Anita Avenue to its intersection with Tyler Avenue; then, starting northeasterly along Tyler Avenue to the point of beginning

C. Articles and Commodities Covered.

1. The following are declared to be hosts and possible carriers of the disease HLB and ACP; all plants, plant parts and propagative seed of:

Aeglopsis chevalieri (Chevalier's aeglopsis)
Balsamocitrus dawei (Uganda powder-flask)
Bergera (= *Murraya*) *koenigii* (curry leaf)
Calodendrum capense (Cape Chestnut)
X *Citroncirus webberi* (citrange)
Citrus aurantiifolia (lime, Key lime, Persian lime, lima, limón agrio, limón ceutí, lima mejicana, limero)
Citrus aurantium (sour orange, Seville orange, bigarde, marmalade orange, naranja agria, naranja amarga)
Citrus hystrix (Mauritius papeda, Kaffir lime)
Citrus jambhiri (rough lemon, jambhiri-orange, limon rugoso, rugoso)
Citrus limon (lemon, limón, limonero)
Citrus madurensis (=X *Citrofortunella microcarpa*) (calamondin)
Citrus maxima (pummelo, pomelo, shaddock, pompelmous, toronja)
Citrus medica (citron, cidra, cidro, toronja)
Citrus meyeri (Meyer lemon, dwarf lemon)
Citrus x nobilis (king mandarin, tangor, Florida orange, King-of-Siam)
Citrus x paradisi (grapefruit, pamela, toronja)
Citrus reticulata (mandarin, tangerine, mandarina)
Citrus sinensis (sweet orange, orange, naranja, naranja dulce)
Citrus spp.
Clausena indica (clausena)
C. lansium (wampi, wampee)
Fortunella crassifolia (Meiwa kumquat)
Fortunella margarita (Nagami kumquat, oval kumquat)
Fortunella polyandra (Malayan kumquat)
Fortunella spp.
Limonia acidissima (Indian wood apple)
Microcitrus australasica (finger-lime)
Murraya spp. (curry leaf, orange-jasmine, Chinese-box, naranjo jazmin)
Poncirus trifoliata (trifoliolate orange, naranjo trebol)
Severinia buxifolia (Chinese box-orange)
Swinglea glutinosa (tabog)
Triphasia trifolia (trifoliolate limeberry, triphasia)
Vepris (= *Toddalia*) *lanceolata*. (white ironwood)

2. The following are declared to be hosts and possible carriers of ACP; all plants, plant parts (excluding fruit for consumption) of:

Aegle marmelos (bael, Bengal quince, golden apple, bela, milva)
Afraegle gabonensis (Gabon powder-flask)
Afraegle paniculata (Nigerian powder-flask)
Amyris madrensis (mountain torchwood)
Atalantia missionis (= *Pamburus missionis*)
Atalantia monophyll/a (Indian atalantia)
Atalantia spp.
Choisya arizonica (Arizona orange)

Choisya ternate (Mexican or mock orange)
Citropsis articulata (Katimboro, Muboro, West African cherry orange)

Citropsis gillettiana (cherry-orange)
Citropsis schweinfurthii (African cherry-orange)
Clausena anisum-olens (anis)
Clausena excavata (clausena)
Clymenia polyandra (a-mulis)
Eremocitrus glauca (Australian desert lime)
Eremocitrus hybrid
Esenbeckia berlandieri (Berlandier's jopoy)

Merrillia caloxylon (flowering merrillia)
Microcitrus australis (Australian round-lime)
Microcitrus papuana (desert-lime)
X *Microcitronel/a* spp.
Naringi crenulata (naringi)
Pamburus missionis (pamburus, = *Atalantia missionis*)
Tetradium ruticarpum (evodia, wu zhu yu)
Toddalia asiatica (orange climber)
Zanthoxylum fagara (wild lime, lime prickly-ash)

3. Any other articles or commodities which are infested or exposed to infestation by ACP or HLB.

4. Possible carriers shall include all appliances used in the growing, harvesting, processing and hauling of the host plants and plant parts and any green waste residues including but not limited to tractors, trailers, trucks, planting, picking and pruning equipment and processing machinery and any other article, thing or means of conveyance when it is determined by the Secretary or county agricultural commissioner to present a hazard of spreading live life stages of the ACP or HLB and the person in possession thereof has been so notified.

5. Exemptions. The following articles are exempt from the provisions of this subsection:

- Host fruit commercially cleaned, graded and packed within the regulated area may move within or from the area.
- Host fruit moved in bulk containers or bins which have been cleaned using normal packing house procedures.
- Dying or dead plant material (green waste) that has been processed or handled or treated in a manner approved by the Secretary to eliminate live life stages of the ACP and is moved directly to a city or county sanitary landfill or State licensed compost facility within the quarantine area.

D. Restrictions.

1. Articles and commodities covered in subsection (C)(1) and (C)(2) are prohibited movement from the area under quarantine unless they meet the requirements outlined in Title 7, CFR, Part 301, Subpart-Citrus Greening and Asian Citrus Psyllid.

2. Articles and commodities covered in subsections (C)(1) are prohibited movement within the area under quarantine unless produced and

continuously maintained in a departmentally approved insect-resistant structure under the terms of a compliance agreement with the Department or agricultural commissioner's office and all nursery stock shall bear a label stating that it cannot be moved outside the quarantine area. The compliance agreement shall include a plan developed by the participant and approved by the Department for meeting the following:

- a. Ensure proper utilization of entryways.
 - b. Establish procedures that are sufficient to prevent entry or spread of HLB and ACP.
 - c. Maintain structural inspection schedule that is sufficient to ensure the integrity of the structure is maintained.
 - d. The response to structural breach.
 - e. Ensure appropriate nursery personnel are trained in pest identification and plant inspection techniques.
 - f. Ensure proper use of Department supplied traps.
- 3. The articles and commodities covered in subsections (C)(2) are prohibited movement within the area under quarantine except as provided in (a) or (b) or (c) below:**
- a. If accompanied by a certificate issued by an authorized agricultural official affirming that the articles and commodities have been treated in a manner approved by the Department and are apparently free from ACP. All nursery stock shall bear a label stating that it cannot be moved outside the quarantine area regulated under Section 3439, Huanglongbing Disease Interior Quarantine.
 - b. If certified as meeting the restrictions of subsection (D)(1).
 - c. If the article or commodity covered is moved under the terms of a special permit as authorized under Title 3, Section 3154 of the California Code of Regulations.
- 4. Articles and commodities covered in subsections (C)(1) and (C)(2) may move within the quarantine area if the article or commodity was produced outside the area under quarantine and is being moved into the area under quarantine by direct route and without delay in vehicles or containers which prevent exposure to infestation of the article or commodity to ACP/HLB while en route for delivery within the area or to transit the area. Any nursery stock shall be delivered directly to and continuously maintained within a departmentally approved insect-resistant structure operating under the terms of a compliance agreement, as outlined in subsection (D)(2), with the Department or agricultural commissioner's office.**

5. The articles and commodities covered in subsections (C)(3) are prohibited movement within or from the area under quarantine except as provided in (a) or (b) below:

- a. If accompanied by a certificate issued by an authorized agricultural official affirming that the articles and commodities have been treated in a manner approved by the Department and is apparently free from ACP.
- b. If the article or commodity covered is moved under the terms of a special permit as authorized under Title 3, Section 3154 of the California Code of Regulations.

6. Articles and commodities covered in subsection (C)(4) are prohibited movement within or from the area under quarantine except if cleaned and/or treated in a manner to eliminate all live life stages of ACP to the satisfaction of the Department or county agricultural commissioner.

7. Host fruit listed under subsections (C)(1) and (C)(2) and harvested/placed from the grove directly into bulk containers or bins is prohibited from leaving the regulated area.

E. Enforcement

1. If ACP is detected in a departmentally approved insect-resistant structure:

- a. No further shipments under this section will be allowed from the facility until the Department provides authorization.
- b. If compartmentalization of the facility exists, the Department will complete a risk assessment, based upon accepted scientifically sound principles, to determine regulatory response, and all articles and commodities covered under subsection (C) will be prohibited from movement out of the facility until completion of the risk assessment.
- c. If compartmentalization does not exist:
 - i. The Department will complete a risk assessment, based upon accepted scientifically sound principles, to determine the regulatory response and all articles and commodities covered under subsection (C)(1) will be prohibited from movement out of the facility until completion of the risk assessment. Unless otherwise indicated based on results of the risk assessment, all articles and commodities covered under subsection (C)(1) must be held in the facility and inspected and tested for the presence of HLB with negative results every six (6) months for up to two years prior to release for movement; or
 - ii. All articles and commodities covered under

subsection (C) in the facility are prohibited from movement. All articles and commodities covered under subsection (C)(1) must be removed from the facility under supervision of the Department and destroyed and the facility would be required to undergo Department approved treatment measures before any additional plant material eligible for movement under this section is allowed movement from or entry into the facility.

QC Master Permit 1346- **Effective 9-11-12, revoked as a result of removing Fig (*Ficus carica*) from the host list in Section C.2..**

2. If HLB is detected in a departmentally approved insect-resistant structure no further shipments under this section will be allowed from the facility until the Department provides authorization.

- a. If compartmentalization of the facility exists, the Department will complete a risk assessment, based upon accepted scientifically sound principles, to determine regulatory response.
- b. If compartmentalization does not exist, all articles and commodities covered under subsection (C)(1) in the facility are prohibited from movement. All articles and commodities covered under subsection (C)(1) must be removed from the facility and the facility will be required to undergo approved treatment measures before any additional plant material eligible for movement under this section is allowed to move from or entry into the facility.

3. For movement within the area under quarantine a compartmentalized facility is a facility that is divided into distinct compartments and which has been determined by the Department inspector to be of adequate design and construction to ensure pest-freedom from ACP of any compartment where plants for movement are grown. For movement outside the area under quarantine a compartmentalized facility is a facility meeting the requirements outlined in Title 7, CFR, Part 301, Subpart-Citrus Greening and Asian Citrus Psyllid.

F. Standards of Cleanliness

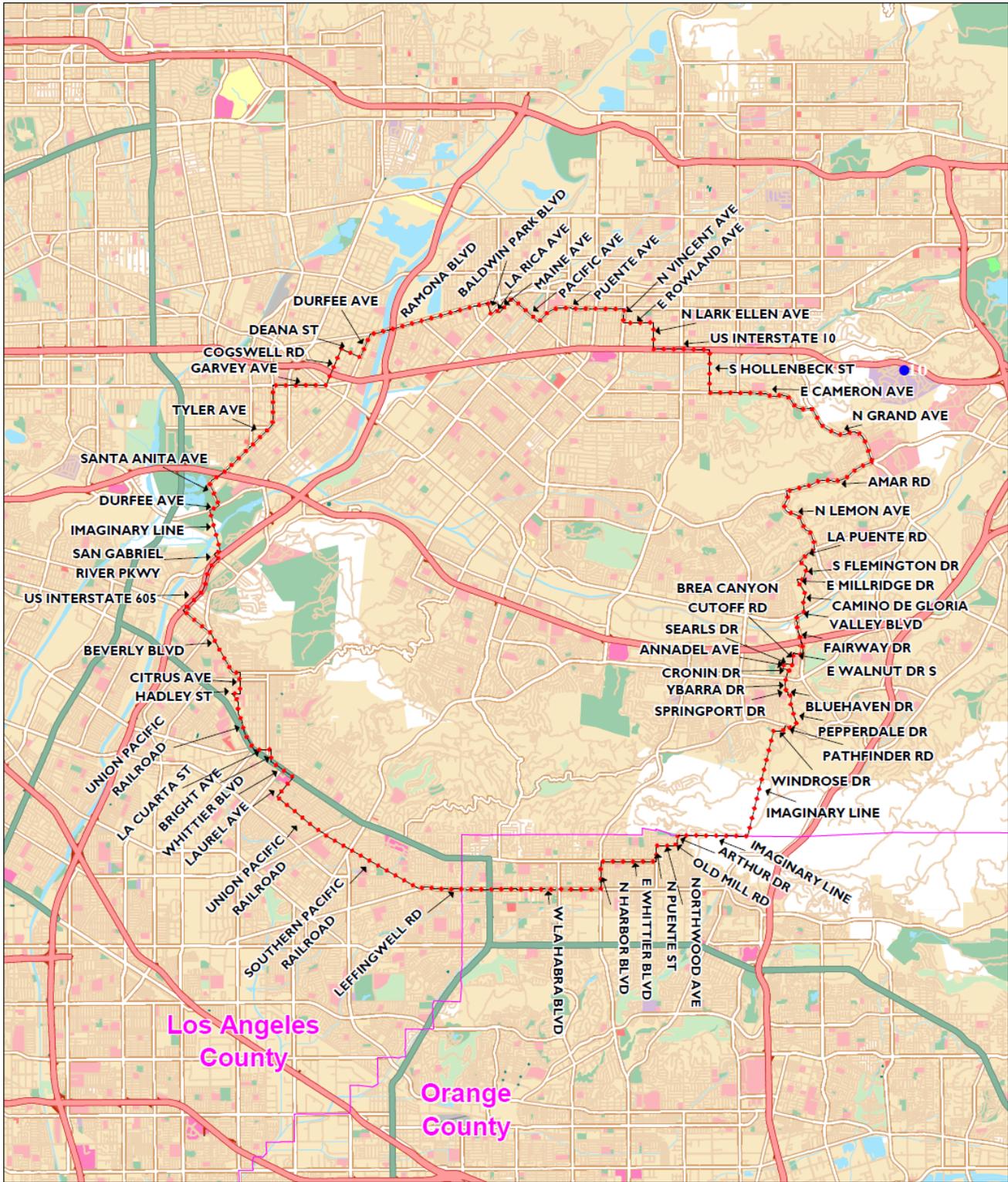
Any nursery stock of subsection (C)(1) within the area under quarantine which does not meet the requirements of subsection (D) Restrictions cannot be maintained free from HLB and does not meet the California Code Regulations, Title 3, Section 3060.2, Standards of Cleanliness, and is declared a public nuisance under California Code of Regulations, Title 3, Section 3639, HLB Eradication Area.

ADDITIONAL QUARANTINE INFORMATION

APPENDIX A- QC Master Permits 05-15-12

QC Permit 1345- allows for the movement of ACP and HLB host fruit listed in section C.1.. Fruit must be free of all leaves, all stems, all plant parts and all life stages of ACP to move within and from the HLB quarantine area.

Huanglongbing (HLB)
 Los Angeles/Orange County
 2012



93 sq Miles
 3 sq Miles Orange County
 90 sq Miles Los Angeles County

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