ARIZONA DEPARTMENT OF AGRICULTURE **DIRECTOR'S ADMINISTRATIVE ORDER** PLANT SERVICES DIVISION **Asian Citrus Psyllid – Interior Quarantine** *Diaphorina citri* **(REVISED)**	**DIVISION/PROGRAM: PSD** **DAO 09-06** SIGNATURE 5/15/14 EFFECTIVE DATE

1. PURPOSE

This Order is issued to mitigate an immediate risk of further infestation of Asian Citrus Psyllid in Arizona by increasing protection against the spread of the pest on articles and commodities leaving the area under quarantine.

The Asian Citrus Psyllid is an effective vector of Huanglongbing or citrus greening, *Liberibactor asiaticus,* a bacterial pathogen that is devastating to citrus.

In addition, a number of other plant species are hosts for *Diaphorina citri* and *Liberibactor asiaticus* but may not show signs of infection. The disease, Huanglongbing, and its vector, the Asian Citrus Psyllid, are a threat to the Arizona citrus industry of $37.2 million in value and residential landscape citrus. Once a plant is infected with the disease it may take several years for symptoms to appear and the plant will decline soon after. Although the disease is not known to occur in Arizona there is no known cure for the disease and the vector is highly mobile.

The Order becomes effective when signed by the Director and will remain in effect until completion of the rulemaking process or until revoked.

2. AUTHORITY

A. R. S. § 3-201.01 Associate director; powers and duties

A. R. S. § 3-202. Infested or infected plants as public nuisances

3. RESPONSIBILITY

The Associate Director, managers and supervisors shall ensure that all employees of the Plant Services Division understand and properly enforce this Order.

4. APPLICABILITY

This Order applies to the movement of regulated articles and commodities from the area under quarantine.

5. ORDER

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

(a) Pest. Asian Citrus Psyllid (*Diaphorina citri*).

(b) Area Under Quarantine: Entire County of: Mohave.

In Yuma County: All areas south of 33.0302 latitude, and west of -113.6483 longitude.

In La Paz County: All areas north of 33.5517 latitude.

(c) Articles and Commodities Covered. The following are declared to be hosts and possible carriers of *Diaphorina citri*.

(1) All nursery stock, plants, plant parts, including green waste, and plant products capable of propagation, except seed extracted from fruit of:

Aegle marmelos (bael, Bengal quince, golden apple, bela, milva)
Aeglopsis chevalieri (Chevalier's aeglopsis)
Afraegle gabonensis (Gabon powder-flask)
Afraegle paniculata (Nigerian powder-flask)
Amyris madrensis (mountain tourchwood)
Atalantia spp. Including *Atlantia monophylla* (Indian atalantia)
Balsamocitrus dawei (Uganda powder-flask)
Bergia (=*Murraya*) *koenigii* (curry leaf)
Calodendrum capense (Cape chestnut)
Choisya arizonica (Arizonia orange)
Choisya temate (Mexican orange)
X Citrocirus webberi
Citropsis articulata (Katimboro, Muboro, West African cherry orange)
Citropsis gilletiana (cherry-orange)
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, limón rugoso, rugoso)
Citrus limon (lemon, limón, limonero)
Citrus madurensis (=X *Citrofortunella microcarpa*)
Citrus maxima (pummelo, pomelo, shaddock, pompelmous, toronja)
Citrus medica (citron, cidra, cidro, toronja)

Citrus meyeri (Meyer lemon, dwarf lemon)
Citrus × *nobilis* (king mandarin, tangor, Florida orange, King-of-Siam)
Citrus × *paradisi* (grapefruit, pomelo, toronja)
Citrus reticulata (mandarin, tangerine, mandarina)
Citrus sinensis (sweet orange, orange, naranja, naranja dulce)
Citrus spp.
Clausena anisum-olens (anis)
Clausena excavata (clausena)
Clausena indica (clausena)
Clausena lansium (wampi, wampee)
Eremocitrus glauca (Australian desert lime)
Eremocitrus hybrid
Esenbeckia berlandieri
Fortunella crassifolia (Meiwa kumquat)
Fortunella margarita (Nagami kumquat, oval kumquat)
Fortunella polyandra (Malayan kumquat)
Fortunella spp.
Limonia acidissima (Indian wood apple)
Merrillia caloxylon (flowering merrillia)
Microcitrus australasica (finger-lime)
Microcitrus australis (Australian round-lime)
Microcitrus papuana (desert-lime)
X *Microcitronella* spp.
Murraya spp. (curry leaf, orange-jasmine, Chinese-box, naranjo jazmín)
Naringi crenulata (naringi)
Pamburus missionis (pamburus, =*Atalantia missionis*)
Poncirus trifoliata (trifoliate orange, naranjo trébol)
Severinia buxifolia (Chinese box-orange)
Swinglea glutinosa (tabog)
Tetradium ruticarpum (evodia, wu zhu yu)
Toddalia asiatica (orange climber)
Triphasia trifolia (trifoliate limeberry, triphasia)
Vepris (=*Toddalia*) *lanceolata* (white ironwood)
Zanthoxylum fagara (wild lime, lime prickly-ash)

(2) Any other articles which are infested or exposed to infestation by *Diaphorina citri*.

(3) 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 Department to present a hazard of spreading all live life stages of *Diaphorina citri.*

(d) Exemptions. The following articles are exempt from the provisions of this section:

(1) Host fruit commercially cleaned and packed within the quarantined area may move within or from the area;

(2) Defoliated, dormant, bare-rooted nursery stock;

(3) Defoliated, dormant nursery stock in containers where all leaf litter and any weeds have been removed; and,

(4) Dying or dead plant material (green waste) that has been processed or handled or treated in a manner approved by the Director to eliminate live life stages of the *Diaphorina citri* and is moved directly to a city or county sanitary landfill within the quarantine area.

(5) *Citrus, Eremocitrus, Fortunella, Microcitrus, and Poncirus, spp.* nursery stock that is approved and certified under provisions provided under Director's Administrative Order DAO 11-01 Clean Citrus Stock Program.

(e) Restrictions.

(1) Articles and commodities covered in subsection (c)(1) and not exempt under subsection (d) are prohibited movement from the area under quarantine to an area of the state that is not under quarantine for the Asian Citrus Psyllid or American Samoa, Northern Mariana Islands, the Virgin Islands of the United States, or those portions of California and South Carolina not quarantined due to the presence of the Asian Citrus Psyllid. Articles and commodities covered in subsection (c)(1) may move freely within the quarantine area, covered in subsection (b), with no restrictions; or to a non-citrus producing state or other area under quarantine for the Asian Citrus Psyllid as provided in (A) and (B) below. The articles and commodities covered in subsections (c)(2) are prohibited movement from the area under quarantine except as provided in (A) below:

(A) If accompanied by a certificate, issued by the Department, affirming that the articles and commodities have been treated in a manner approved by the Department and is apparently free from all live life stages of *Diaphorina citri.*

(B) 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 *Diaphorina citri* while en route for delivery within the area.

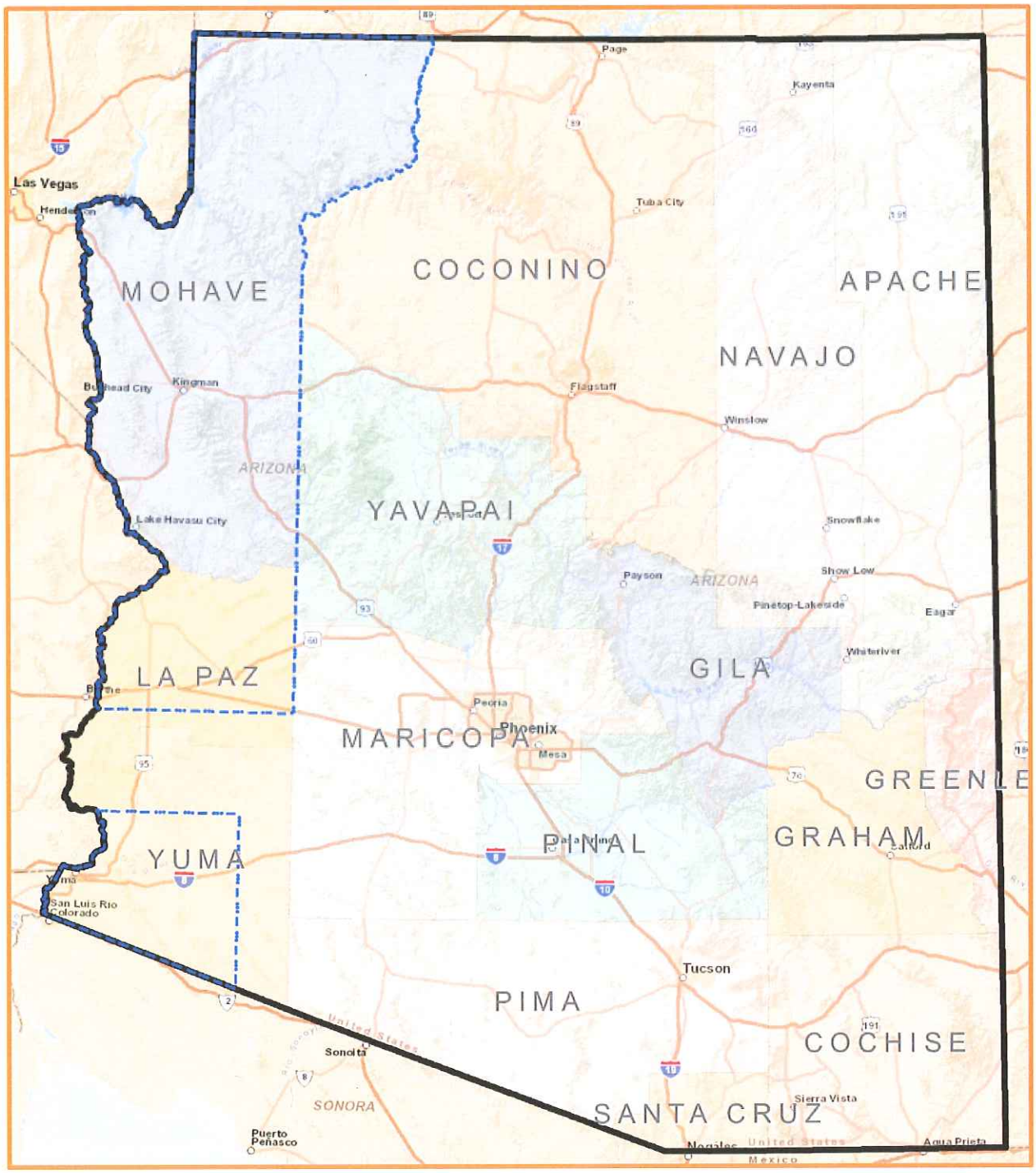
(2) Articles and commodities covered in subsection (c)(3) are prohibited from movement from the area under quarantine except if cleaned and/or treated in a manner to eliminate all live life stages of *Diaphorina citri* to the satisfaction of the Department.

(3) Agreements with the department that cover articles and commodities listed in subsection (c)(1),(2), and (3) made prior to the effective date of this order that are found within the area of quarantine are subject to the restrictions listed above unless otherwise found exempt.

ASIAN CITRUS PSYLLID QUARANTINE AREA

Arizona Administrative Order: DAO 09-06 (Revised: 05/14/14)

Mohave County and Portions of La Paz and Yuma Counties



Mohave County and Portions of La Paz and Yuma Counties - Quarantine Area