

FOR INFORMATION
DA-2008-02
January 11, 2008

SUBJECT: Expansion of the Quarantines for Citrus Greening and Asian Citrus Psyllids

TO: STATE AND TERRITORY AGRICULTURAL REGULATORY OFFICIALS

The Animal and Plant Health Inspection Service (APHIS) is issuing a Federal order today that expands the citrus greening (CG) quarantine to encompass the entire State of Florida. This action is necessary to prevent the interstate spread of CG, also known as huanglongbing, which was first identified in the United States in Florida in 2005.

As a result of ongoing surveys conducted by APHIS and the Florida Division of Plant Industries, On November 30, 2007, APHIS confirmed detections of CG in two new counties (Lake and Hernando) in Florida. This brings to 30 the number of counties in Florida in which the disease has been confirmed. These 30 counties account for nearly all the commercial citrus and citrus nursery production in the State. The attached Federal Order updates the previous versions of the Federal Order which was issued November 2, 2007, with respect to the areas regulated for CG by adding Lake and Hernando Counties to the list of quarantined areas. Following discussions with the State of Florida, APHIS determined that parallel quarantine actions proposed by the State are not adequate and, therefore, it is necessary to impose statewide restrictions on the movement of all live host plants and host plant parts from Florida.

The CG quarantine restricts the movement of all live host plants and plant parts except fruit. APHIS may in the future determine that it is possible to allow the interstate movement of restricted nursery stock if it is grown, produced, manufactured, stored, and handled in a way that prevents the risk of spreading CG. However, the science that could lead to standards allowing such movement from the CG-quarantined area is still being evaluated. In the meantime, nursery stock of host species produced in CG-quarantined counties can only be moved interstate for immediate export. A limited permit must accompany the nursery stock to confirm that requirements are met.

As in the previous Federal Order, this updated version maintains a quarantine for the Asian citrus psyllid (ACP), which is a citrus pest in its own right as well as being the vector of citrus greening. This quarantine includes all of Florida, Guam, Hawaii, and Puerto Rico, as well as 32 counties of Texas. In order for ACP-host material to be shipped from ACP-quarantined areas that are not quarantined for CG, this material must be treated, inspected, and stamped with a limited permit to prevent distribution to any citrus-producing states or territories where the ACP is not currently present.

This Federal Domestic Quarantine Order is effective immediately. For additional information about this Federal Order, you may contact Senior Staff Officer Stephen Poe at (301) 734-8899 or by email at stephen.r.poe@usda.gov.

/s/ Paul R. Eggert for

Rebecca Bech
Deputy Administrator
Plant Protection and Quarantine

**FEDERAL DOMESTIC QUARANTINE ORDER:
CITRUS GREENING DISEASE (CG)
and
ASIAN CITRUS PSYLLID (ACP)**

January 11, 2008

The purpose and goal of this Federal Order is to prevent the spread of harmful citrus diseases and causal agents, one is the citrus greening disease (CG) also known as Huanglongbing disease of citrus, caused by the bacterial pathogen *Candidatus Liberibacter* spp., and the other is the Asian citrus psyllid (ACP). This Federal Order is issued pursuant to Section 412(a) of the Plant Protection Act of June 20, 2000, as amended, 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 that the prohibition or restriction is necessary to prevent the dissemination of a plant pest within the United States.

The Administrator of the Animal and Plant Health Inspection Service (APHIS) has determined that it is necessary, in order to prevent the destructive and harmful dissemination of CG and/or ACP, to establish restrictions on the interstate movement of CG host material from quarantined areas in Florida and ACP host material from quarantined areas in Florida, Texas, Hawaii, Puerto Rico, and Guam as described below in this Federal Order.

Citrus greening disease, a highly injurious disease of citrus, was first detected in the United States in Miami-Dade County, Florida in 2005, and currently has been confirmed in 30 counties in Florida. ACP is both a vector (causal agent) for the CG disease, and a pest of citrus in its own right. ACP is currently present in Florida, Hawaii, Puerto Rico, Guam, and portions of Texas.

On September 16, 2005, APHIS issued a Federal Order to impose restrictions on the interstate movement of all CG host plant material and ACP host plant material from quarantined areas in Florida in order to prevent the artificial spread of CG and of ACP. APHIS subsequently updated the restrictions by issuing a revised Federal Order on May 3, 2006 (DA#2006-19, 5/3/06). On November 2, 2007, APHIS issued a third Federal Order (DA#2007-54) due to further expansions of CG in Florida detected during surveys in 2007. These plant pest disease control actions have been necessary due to the continuing spread of both CG and ACP.

On November 30, 2007, APHIS confirmed citrus greening in two new counties in Florida, Lake and Hernando County. This December 2007 Federal Order updates the previous version of the Federal Order (11/02/07) with respect to the areas regulated for CG, by adding these two counties to the list of quarantined areas. With this Order, there will now be a total of 30 Florida counties that are quarantined because they have the CG disease. There is only one remaining county in Florida that has significant citrus production in it that has not yet been quarantined because of CG. Moreover, the December 1, 2007 deadline for Florida to establish a parallel intrastate quarantine has now passed. The State of Florida has taken no regulatory action on this matter. With those facts taken into consideration, APHIS has determined that it is now necessary

to quarantine the entire State of Florida for CG and for ACP in order to prevent their spread to other States. Thus, by this Order, we are expanding the quarantined area to include the entire State of Florida for both CG and ACP. This Order also updates treatment provisions for ACP. Accordingly, this December 2007 Order updates and replaces all previous versions of the Federal Order regarding domestic quarantines and treatment provisions to prevent the dissemination of CG or ACP.

QUARANTINES and TREATMENT REQUIREMENTS

This Federal Order imposes the following quarantines: (1) A quarantine of the entire State of Florida for CG, (2) A quarantine of portions of the State of Texas for ACP, and (3) Quarantines of the entire States of Florida and Hawaii, the entire Territory of Guam, and the Commonwealth of Puerto Rico, for ACP.

The partial State quarantine of Texas for ACP was contingent upon that State adopting a parallel intrastate quarantine to provide equivalent controls on the movement of regulated articles from quarantined counties to non-quarantined counties within that State. Texas adopted the parallel quarantine on November 30, 2007.

I. QUARANTINE FOR CITRUS GREENING DISEASE (CG)

1. Quarantined Areas. The following areas are quarantined due to the presence of CG:

Florida: The entire State of Florida

2. Restricted Articles. The following articles are hosts of CG and are prohibited from being moved interstate from areas quarantined (the entire State of Florida) due to the presence of CG:

All plants and plant parts, including but not limited to nursery stock, cuttings, budwood, and seed (**but excluding fruit**), of: *Aeglopsis chevalieri*, *Balsamocitrus dawei*, *Bergera* (=Murraya) *koenigii*, *Calodendrum capense*, *Citrofortunella microcarpa*, × *Citroncirus webberi*, *Citrus* spp., *Clausena indica*, *C. lansium*, *Fortunella* spp., *Limonia acidissima*, *Microcitrus australasica*, *Murraya* spp., *Poncirus trifoliata*, *Severinia buxifolia*, *Swinglea glutinosa*, *Toddalia lanceolata*, and *Triphasia trifolia*.

The APHIS Administrator may allow the interstate movement of restricted plants and/or nursery stock if it has been grown, produced, handled, treated, and transported in a manner that, in the judgment of the Administrator, prevents the restricted article from presenting a risk of spreading CG. The APHIS Administrator has determined that regulated plants and trees grown, produced, or maintained at a nursery or other facility located in a quarantined area that are not eligible for interstate movement under this Federal Order may be moved interstate but only for immediate exportation out of the United States. Accordingly, these regulated plants and trees from Florida must be accompanied by a limited permit issued in accordance with Section 3C (below) and must be moved directly to the port of export in accordance with the conditions of the limited

permit, in a container sealed by APHIS. It should also be noted that regardless of any action that might be taken with regard to CG, many species that are regulated articles under this Federal Order are also regulated with regard to citrus canker under the Federal Citrus Canker Quarantine (7 CFR 301.75).

II. QUARANTINE FOR THE ASIAN CITRUS PSYLLID (ACP)

1. Quarantined Areas. The following areas are quarantined due to the presence of the ACP:

Florida: The entire State of Florida.

Texas: The following counties:

Aransas, Atascosa, Bee, Bexar, Brazoria, Brooks, Caldwell, Cameron, Dimmit, Duval, Harris, Hidalgo, Jim Hogg, Jim Wells, Kenedy, Kleberg, Live Oak, Matagorda, Maverick, McMullen, Nueces, Refugio, San Patricio, Starr, Uvalde, Val Verde, Victoria, Waller, Washington, Webb, Willacy, and Zapata counties.

Guam: All islands of the Territory of Guam.

Hawaii: All islands of the State of Hawaii.

Puerto Rico: The entire Commonwealth.

2. Regulated Articles. The following are regulated articles based on the fact that they are plants or plant parts that are hosts of ACP. Regulated articles may only be moved interstate from areas quarantined due to the presence of the ACP in strict accordance with this Order:

A. From the entire State of Florida, now regulated for both CG and ACP (Section I., 1. of this Federal Order for CG and Section II., 1. for ACP), all plants, budwood, cuttings, or other fresh or live plant parts, **except seed and fruit**, of the following species that are hosts of ACP but not hosts of CG: *Aegle marmelos*, *Afraegle gabonensis*, *A. paniculata*, *Atalantia* spp., *Citropsis gillettiana*, *C. schweinfurthii*, *Clausena anisum-olens*, *C. excavate*, *Eremocitrus glauca*, *Eromocitrus* hybrid, *Merrillia caloxylon*, *Microcitrus australis*, *M. papuana* x *Microcitronella*, *Naringi crenulata*, *Pamburus missionis*, *Toddalia asiatica*, *Vepris lanceolata*, and *Zanthoxylum fagara*.

B. From all other States or portions of States, Territories, and the Commonwealth of Puerto Rico, quarantined for ACP, all plants, budwood, cuttings, or other fresh or live plant parts **except seed and fruit including fruit with small amounts of attached stems and leaves of species that are hosts of ACP**: *Aegle marmelos*, *Aeglopsis chevalieri*, *Afraegle gabonensis*, *Afraegle paniculata*, *Atalantia* spp., *Balsamocitrus dawei*, *Bergera* (= *Murraya*) *koenigii*, *Calodendrum capense*, *X Citrofortunella microcarpa*, *X Citroncirus webberi*, *Citropsis schweinfurthii*, *Citrus* spp, *Clausena anisum-olens*, *Clausena excavata*, *Clausena indica*, *Clausena lansium*, *Eremocitrus glauca*, *Eremocitrus hybrid*, *Fortunella* spp, *Limonia acidissima*, *Merrillia caloxylon*, *Microcitrus australasica*, *Microcitrus australis*, *Microcitrus papuana*, *X*

Microcitronella 'Sydney', Murraya spp, Naringi crenulata, Pamburus missionis, Poncirus trifoliata, Severinia buxifolia, Swinglea glutinosa, Toddalia asiatica, Toddalia lanceolata, Triphasia trifolia, Vepris lanceolata, Zanthoxylum fagara.

3. Requirements for Interstate Movement. In order to be eligible to move interstate from ACP quarantined areas, regulated articles must meet the following requirements:

A. Treatment. All regulated articles moving interstate from areas quarantined for the ACP must be treated with any approved treatment for ACP either listed in 7 CFR 305 or listed below in this Order¹ using an Environmental Protection Agency (EPA)-approved product labeled for use in nurseries. Persons applying treatments must follow the product label, its applicable directions, and all restrictions and precautions, including statements pertaining to Worker Protection Standards.

i. Regulated articles not intended for consumption must be treated with a drench containing imidacloprid as the active ingredient within 30 days prior to shipping and also be treated with a foliar spray with a product containing either acetamiprid, chlorpyrifos, or fenprothrin as the active ingredient within 10 days prior to movement.

ii. Or, in the case of regulated articles intended for consumption, such as fresh curry leaf (*Bergera (=Murraya) koenigii*), or for decorative purposes, such as mock orange (*Murraya peniculata*) leaves that are incorporated into leis or floral arrangements, this plant material must be treated prior to the interstate movement in accordance with APHIS treatment schedule T101-n-2 (methyl bromide fumigation treatment for external feeding insects on fresh herbs) at the times and rates specified in the treatment manual and safeguarded until export. This information can be found in page 5-2-28 of the treatment manual, located on line at: <https://www.aphis.usda.gov/plant-health/online-manuals>; or

iii. And, as an alternative to methyl bromide fumigation, these regulated articles described immediately above in ii originating from an area not quarantined for **CG** may be treated with irradiation in accordance with 7 CFR 305.

B. Fresh fruit. While fresh fruit is not a regulated article under this Federal Order, fruit being moved interstate from areas quarantined for ACP to citrus producing areas where ACP is not present (Alabama, American Samoa, Arizona, California, Louisiana, Northern Mariana Islands, Puerto Rico, those portions of Texas not quarantined due to the presence of ACP, and the Virgin Islands of the United States) **must** be cleaned using normal packinghouse procedures. This means that fruit moved in bulk containers to these areas for repacking or processing can **not** come directly from groves, but must go through the normal cleaning process at a packinghouse before it is moved.

¹ Irradiation may be used in accordance with 7 CFR 305 but may only be used if the regulated articles originate from an area not quarantined for **CG**.

- C. Inspection. All regulated articles that have been treated as provided above must be inspected by an inspector and found free of the ACP within 72 hours prior to shipping. Inspection of curry leaf that is treated with methyl bromide fumigation will not be required since the treatment is considered to be effective in killing all life stages of ACP that might be present.
- D. Limited Permit. The regulated articles may not be moved to Alabama, American Samoa, Arizona, California, Louisiana, Northern Mariana Islands, Puerto Rico, those portions of Texas not quarantined due to the presence of ACP, and the Virgin Islands of the United States, and must be accompanied by a limited permit issued by an authorized representative of the State, Territory, Commonwealth, or APHIS, or by a person operating under compliance agreement as specified below. The statement "Limited permit: Not for distribution in AL, AZ, CA, LA, those areas in TX not quarantined due to the presence of ACP, American Samoa, Northern Mariana Islands, Puerto Rico, and Virgin Islands of the United States" must be displayed on a plastic or metal tag attached to each plant, or on the box or container if the plant is sealed in plastic, or in the case of plant parts (leaves, cuttings, etc.) on the box or other container in which plant material is packed. In addition, this statement must be displayed on the outside of any shipping containers used to transport these plants, and the limited permit must be attached to the bill of lading or other shipping document that accompanies the plants. This labeling may not be used on plants or products that do not meet the requirements of this Order.

Curry leaf (*Bergera* (= *Murraya*) *koenigii*) leaves intended for consumption, or other articles intended for decorative purposes that include such plant material as mock orange (*Murraya peniculata*) leaves that are incorporated into leis or floral arrangements, that have been fumigated using methyl bromide in accordance with T101-n-2 as specified in 3. A. iii. Or treated with irradiation as described in 7 CFR 305 may be moved to any State or area. The boxes or containers in which the treated leaves are moved interstate must be marked to indicate where the leaves were produced and must also indicate that the leaves have been treated in accordance with APHIS requirements.

- E. Compliance Agreements. Any person engaged in the business of growing or handling regulated articles for interstate movement may enter into a compliance agreement with the Animal and Plant Health Inspection Service to facilitate the interstate movement of regulated articles in accordance with all of the requirements of this Federal Order and this specific subpart, subject to monitoring and audits by the State, Territory, Commonwealth, or APHIS regulatory official. Such persons must agree to handle, pack, process, treat, and move regulated articles in accordance with this Federal Order; to use all permits and certificates in accordance with instructions; and to maintain and offer for inspection such records as may be required. Compliance agreements may be arranged by contacting a local office of Plant Protection and Quarantine, Animal and Plant Health Inspection Service (listed in local telephone directories), or by contacting the Animal and Plant Health Inspection Service, Plant Protection and Quarantine, Domestic and Emergency Operations, 4700 River Road Unit 134, Riverdale, Maryland 20737-1236.

Cancellation. Any compliance agreement may be cancelled orally or in writing by an inspector if the inspector finds that the person who entered into the compliance agreement has failed to comply with all of the requirements of this Federal Order and this specific subpart. If the person is given notice of cancellation orally, written confirmation of the decision and the reasons for it must be provided as promptly as circumstances allow. Any person whose compliance agreement is cancelled may appeal the decision in writing to the APHIS Administrator within 10 days after receiving the written notification. The appeal must state all of the facts and reasons upon which the person relies to show that the compliance agreement was wrongfully cancelled. The Administrator must grant or deny the appeal, in writing, stating the reasons for the decision, as promptly as circumstances allow. If there is a conflict as to any material fact, a hearing will be held to resolve the conflict. Rules of practice concerning the hearing will be adopted by the Administrator.

5. Definitions

Inspector. Any person authorized by the Administrator of APHIS to enforce the requirements of this Order.