

**FEDERAL QUARANTINE ORDER**  
***Elsinoë australis* Bitanc. & Jenkins**  
**Causal Agent of Sweet Orange Scab (SOS)**  
**DA-2016-55**  
**September 6, 2016**

The purpose of this Federal Order is to prevent the spread of the fungal plant pathogen, *Elsinoë australis* Bitanc. & Jenkins, the causal agent of Sweet Orange Scab (SOS), through regulatory authority provided by 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 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) considers it necessary, in order to prevent the dissemination of SOS, to establish restrictions on the interstate movement of certain regulated articles from the States of Arizona, Florida, Louisiana, Mississippi, and Texas as described in this Federal Order.

APHIS has applied similar mitigation measures to Mexico and will apply such measures to the importation of regulated articles from other countries where SOS is confirmed to exist.

**September 6, 2016, Federal Order supersedes previous SOS Federal Orders adds quarantined areas in portions of California, and updates the conditions for interstate movement of SOS regulated articles.**

**A. Quarantine Areas:**

The Administrator will list as a quarantine area each state, or each portion of a state, in which SOS has been confirmed by an inspector to be present, in which the Administrator has reason to believe that SOS is present, or that the Administrator considers necessary to quarantine because of its inseparability for quarantine enforcement purposes from localities in which SOS has been found.

Less than an entire state will be designated as a quarantine area only if the Administrator determines that:

1. The state has adopted and is enforcing restrictions on the intrastate movement of the regulated articles that are substantially the same as those imposed by the Administrator on the interstate movement of regulated articles; and
2. The designation of less than the entire state as a quarantine area will be sufficient to prevent interstate spread of SOS.

The Administrator or an inspector may temporarily designate any non-quarantine area as a quarantine area. The Administrator will give a copy of this Order along with a written notice for the temporary designation to the owner or person in possession of the non-quarantine area. Thereafter, the interstate movement of any regulated article from an area temporarily designated as a quarantine area will be subject to this Order. As soon as practicable, this area will be added to the list of quarantine areas or the designation will be terminated by the Administrator or an inspector. The owner or person in possession of an area for which designation is terminated will be given notice of the termination as soon as practicable.

**The following areas are designated as quarantine areas:**

1. Entire State of Arizona
2. Entire State of Florida
3. Entire State of Louisiana
4. Entire State of Mississippi
5. Entire State of Texas
6. **Portions of California in the Calipatria and Winterhaven areas of Imperial County, the Pomona area of Los Angeles and San Bernardino counties, and the Blythe area of Riverside County.**

**B. Regulated Articles:**

The following are regulated articles, and may not be moved interstate from a quarantine area unless accompanied by a certificate or limited permit issued in accordance with this Order:

1. Fruit of *Citrus spp.* and *Fortunella spp.*
2. All plants and plant parts (except seeds), including leaves for consumption, budwood, and nursery stock of *Citrus spp.* and *Fortunella spp.*
3. Other articles intended for consumption, as apparel or as a similar personal accessory, or decorative use made from *Citrus spp.* and *Fortunella spp.*

4. Any other products, articles, or means of conveyance of any character whatsoever, when it is determined by an inspector that they present a hazard of spread of SOS and the person in possession thereof has been provided notice.

**C. Conditions for Interstate Movement of Regulated Articles:**

1. **Regulated articles may move from one state in the SOS quarantine area to another contiguous State in the quarantine area without further restriction.**
2. **Regulated fruit from SOS quarantine areas may move interstate under certificate to all states under the following conditions:**
  - a. Fruit must be washed, brushed, disinfested, treated, and waxed prior to shipment, using an APHIS-approved packing house procedure located on the APHIS website: [http://www.aphis.usda.gov/plant\\_health/plant\\_pest\\_info/citrus/sweet\\_orange.shtml](http://www.aphis.usda.gov/plant_health/plant_pest_info/citrus/sweet_orange.shtml); and
    - i. Fruit must be practically free of leaves, stems, or other regulated plant material, except that stems shorter than one inch may be attached to fruit but cannot have attached leaves; and
    - ii. Fruit must be packed in a packing house operating under a signed compliance agreement with APHIS; and
    - iii. The certificate must be present on both paperwork accompanying the shipment and on the containers in which the fruit is packed;
  - or
  - b. Fruit must be washed, brushed, and disinfested prior to shipment using an APHIS-approved packing house procedure, located on the APHIS website: [http://www.aphis.usda.gov/plant\\_health/plant\\_pest\\_info/citrus/sweet\\_orange.shtml](http://www.aphis.usda.gov/plant_health/plant_pest_info/citrus/sweet_orange.shtml); and
    - i. Fruit has been inspected and determined to be asymptomatic based on visual inspection by an inspector at the packing house; and
    - ii. Fruit must be practically free of leaves, stems, or other regulated plant material, except that stems less than one-inch may be attached to fruit but cannot have attached leaves; and
    - iii. Fruit must be packed in a packing house operating under a signed compliance agreement with APHIS; and
    - iv. The certificate must be present on both paperwork accompanying the shipment and on the containers in which the fruit is packed.
3. **Regulated fruit from SOS quarantine areas may move interstate and transit non-quarantined areas under limited permit to noncommercial citrus producing states and commercial citrus producing states with a state-wide SOS quarantine under the following conditions:**
  - a. Fruit must be washed, brushed, and disinfested at the packing house prior to shipment using APHIS-approved packing house procedure, which can be found on the APHIS website: [http://www.aphis.usda.gov/plant\\_health/plant\\_pest\\_info/citrus/sweet\\_orange.shtml](http://www.aphis.usda.gov/plant_health/plant_pest_info/citrus/sweet_orange.shtml); and
  - b. Fruit must be practically free of leaves, stems or other regulated plant material, except that stems less than one-inch may be attached to fruit but cannot have attached leaves; and
  - c. Fruit must be packed in a packing house operating under a signed compliance agreement with APHIS; and
  - d. The limited permit must be present on both paperwork accompanying the shipment and on the container in which the fruit is packed.
4. **Regulated fruit from SOS quarantine areas that are destined for processing or packing in a commercial citrus-producing state without a state-wide SOS quarantine may move under limited permit if it meets the following conditions:**
  - a. **SOS regulated fruit received for processing/packing may have attached stems and leaves if it will be processed/packed in a quarantined area.**
  - b. **SOS regulated fruit received for processing/packing must be practically free from attached stems and leaves if it will be processed/packed in a non-quarantined area.**

- c. **After packing/processing regulated fruit may only have attached stems and leaves that are less than one inch long, without leaves.**
- d. **The limited permit must be present on both paperwork accompanying the shipment and on the container in which the fruit is packed.**
- e. The processor/packing house/**grower** in the originating state and the processor in the receiving State must be operating under a signed compliance agreement with APHIS;
- f. Processors/packing houses in the originating state must operate under a Compliance Agreement that stipulates the following:
  - i. Any fruit that is moved from the quarantine area must be transported in vehicles that meet the following conditions:
    - 1. Must have solid wall construction on the sides and rear of the cargo area need only be covered with a tarpaulin or otherwise covered on the open top, providing that openings around any tailgates or hinged door do not exceed ½ inch.
    - 2. If with side and rear wall construction of wire mesh screen or expanded metal less than or equal to ¾ x 1-11/16 inch must have the open top of the cargo area covered.
    - 3. If they have screen mesh openings greater than ¾ x 1-11/16 inch must have the cargo area covered completely (to the bed of the vehicle). In addition, if mesh size is greater than ¾ x 1-11/16 inch, all reductions in mesh size must be done from within the cargo area (e.g., adding steel, fabric or hardware cloth lining).
  - ii. Vehicles transporting pallet boxes, field boxes, field bins, etc., must have the cargo area covered with a tarpaulin or otherwise covered in a manner that does not allow any openings greater than ½ inch exposing the fruit. In most cases, this cover will have to extend to below the top of the bottom row of boxes. However, if the pallet boxes or field boxes are stacked in a solid wall with no openings of ½ inch or more on the side or back, only the open tops of the exposed boxes are required to be covered.
  - iii. Covers or tarpaulins may be constructed of any fabric that has a weave of less than ½ inch. In addition, covers must be in good repair and securely fastened or tied down in a manner that will prevent the loss of fruit, leaves, or plant debris while in transit.
  - iv. Identity of each load of fruit must be maintained by issuing an individually numbered trip ticket containing the following information:
    - 1. Name of Grove, Land Owner/agent, Lessee, Harvester
    - 2. License tag number.
    - 3. Number of boxes contained in load (if not bulk)
    - 4. Grove block fruit originated in
    - 5. Processing plant or packinghouse to which fruit is destined
    - 6. Date of harvest
    - 7. The word "TARP" written clearly, preferably at the bottom
  - v. After being emptied and cleaned of plant debris, trailers, field boxes or bins must be disinfected using:
    - 1. A 200-ppm solution of sodium hypochlorite with a pH of 6.0 to 7.5; or
    - 2. A 0.2-percent solution of a quaternary ammonium chloride (QAC) compound; or
    - 3. A solution containing 85 parts per million PAA (indoor use only).
- g. Processors receiving fruit for processing must operate under a Compliance Agreement that stipulates the following:
  - i. After shipments are emptied at the processing plant or packinghouse, trailers, tarpaulins, field boxes, and field bins must be cleaned of all leaves and other plant debris.
  - ii. After being emptied at the processing plant or packinghouse and cleaned of plant debris, trailers, field boxes or bins must be disinfected using:
    - (1) A 200-ppm solution of sodium hypochlorite with a pH of 6.0 to 7.5; or
    - (2) A 0.2-percent solution of a QAC compound; or
    - (3) A solution containing 85 parts per million PAA (indoor use only).
- h. Culls and peels, or other plant material that remains after processing must be handled as follows:
  - i. The plant parts must be moved in an enclosed or covered vehicle cargo area. The cargo must be enclosed or covered in a manner so as to have no openings greater than ½ inch exposing the leaves, litter, etc.
  - ii. When plant material comes directly in contact with the vehicle, the vehicle must be disinfected following movement.
  - iii. The plant parts must be destroyed by one of the methods:
    - (1) Heat treated to at least 180 degrees Fahrenheit for a period of at least one hour,
    - (2) Incinerated,

- (3) Buried at a landfill or other disposal site approved site approved by APHIS or the State and covered with dirt at the end of every day that dumping occurs,
  - (4) Feed to livestock as feed.
5. *Citrus* spp. and *Fortunella* spp. fruit moving through SOS quarantine areas may move interstate without a certificate or limited permit, if all of the following conditions are met:
  - a. Fruit is accompanied by either: A receipt showing that the fruit was purchased outside the quarantine area, or a bill of lading stating the location of the premises where the shipment originated, the type and quantity of fruit being moved interstate, and the date the interstate movement began.
  - b. Fruit is moved through the quarantine area without being unloaded, and no regulated article, except fruit that qualifies for interstate movement from the quarantine area in accordance with this Federal Order, is added to the shipment in the quarantine area.
  - c. Fruit is completely covered, enclosed in containers, or in a compartment of a vehicle, during movement through the quarantine area.
6. *Citrus* spp. and *Fortunella* spp. fruit from outside the quarantine area moving into the SOS quarantine area for unloading or repackaging may move interstate with a certificate to all States under the following conditions:
  - a. Fruit is accompanied by either: A receipt showing that the fruit was purchased outside the quarantine area, or a bill of lading stating the location of the premises where the shipment originated, the type and quantity of regulated fruit being moved interstate, and the date the interstate movement began.
  - b. The person who unloads or repackages the fruit in a quarantine area must enter into a compliance agreement with APHIS and issue and attach a certificate for the interstate movement of the fruit.
  - c. The certificate must be present on both paperwork accompanying the shipment and on the containers in which the fruit is packed.
  - d. The identity of each shipment of fruit that originated from outside the quarantine area must be maintained and the fruit must be properly segregated from all other fruit in the packinghouse or warehouse.
  - e. Fruit must be practically free of leaves, stems, or other regulated plant material, except that stems less than one-inch may be attached to fruit but cannot have attached leaves.
  - f. Fruit is completely covered, enclosed in containers, or in a compartment of a vehicle, during movement through the quarantine area.
7. Fresh host plant parts (including leaves for consumption, as apparel, or as a similar personal accessory, or decorative use), excluding fruit, propagative material, and nursery stock from quarantine areas may move with a certificate to all States under the following conditions:
  - a. Producers and/or distributors must have a signed compliance agreement with APHIS;
  - b. Regulated articles must be asymptomatic based on visual inspection by an inspector; and
  - c. The certificate should be present on both the paperwork accompanying the shipment and on the containers in which the regulated articles are packed.
8. Nursery stock **from non-contiguous quarantine areas that is grown and maintained outdoors or not grown and maintained in an SOS program approved structure will only be allowed interstate movement to non-commercial citrus-producing states with a limited permit under the following conditions:**
  - a. Any person engaged in growing, processing, handling, or moving host nursery stock in an SOS quarantine area must enter into a compliance agreement with APHIS;
  - b. Nursery stock may only be shipped if accompanied by a limited permit issued by an inspector verifying that all conditions of this Federal Order and any additional requirements stipulated in the compliance agreement have been met. A copy of the limited permit must be attached to the consignee's copy of the accompanying waybill;
  - c. Nurseries must be inspected by an inspector on a quarterly basis to verify absence of SOS;
  - d. Nursery stock for shipping must undergo a pre-shipment inspection on each lot within 5 days before shipment. If no SOS-positive plants are found, the plants may be shipped after treatment with an APHIS-approved fungicide. The list of approved treatments is located on the APHIS website at: [http://www.aphis.usda.gov/plant\\_health/plant\\_pest\\_info/citrus/sweet\\_orange.shtml](http://www.aphis.usda.gov/plant_health/plant_pest_info/citrus/sweet_orange.shtml)
  - e. **Each host plant being moved interstate must be labeled with adequate identifying information to permit trace back to each premises on which the plants were grown:**

- f. Facilities must maintain records of inspections, treatments, invoices, and shipments made under this protocol and make the records available to APHIS upon request. Each facility must maintain all records for at least 3 years after the interstate shipment of the citrus nursery stock; and
  - g. Facility owners and employees must allow inspectors access to the facility to ensure compliance with this Federal Order.
9. Nursery stock from quarantined areas that is grown and maintained in an SOS program approved structure will be allowed interstate movement to all states with a certificate under the following conditions:
- a. Any person engaged in growing, processing, handling, or moving host nursery stock in an SOS quarantine area must enter into a compliance agreement with APHIS:
  - b. The nursery stock may only be propagated using materials that originate from an APHIS-approved state certified clean stock program.
  - c. The host nursery stock must be grown and maintained in a facility that meets the following criteria:
    - i. The structure must have solid roof/barrier to prevent rain splash: and
    - ii. The roof/barrier must be kept in good repair without any gaps.
  - d. The host nursery stock must not be exposed to overhead irrigation to reduce the presence of water splash on the surface of plant tissue.
  - e. Nursery stock may only be shipped if accompanied by a certificate issued by an inspector verifying that all conditions of this Federal Order and any additional requirements stipulated in the compliance agreement have been met. A copy of the certificate must be attached to the consignee's copy of the accompanying waybill;
  - f. Nurseries must be inspected by an inspector on a quarterly basis to verify absence of SOS;
  - g. Nursery stock for shipping must undergo a pre-shipment inspection on each lot within 5-7 days before shipment. If no SOS-positive plants are found, the plants may be shipped.
  - h. Each host plant being moved interstate must be labeled with adequate identifying information to permit trace back to each premise on which the plants were grown;
  - i. Facilities must maintain records of inspections, treatments, invoices, and shipments made under this protocol and make the records available to APHIS upon request. Each facility must maintain all records for at least 3 years after interstate shipment of the citrus nursery stock; and
  - j. Facility owners and employees must allow inspectors access to the facility to ensure compliance with this Federal Order.

#### D. Definitions

**Certificate:** A document, stamp, or other means of identification approved by APHIS and issued by an inspector or person operating under a compliance agreement when he or she finds that, because of certain conditions, a regulated article can be moved safely from a quarantine area.

**Commercial Citrus-Producing States:** The States of American Samoa, Arizona, California, Florida, Guam, Hawaii, Louisiana, Northern Mariana Islands, Puerto Rico, Texas, and Virgin Islands of the United States.

**Compliance Agreement:** A written agreement between APHIS and a person engaged in growing, processing, handling, or moving regulated or associated articles, wherein the person agrees to comply with stipulations set forth in the agreement.

**Inspector:** Any employee of APHIS, the U.S. Department of Agriculture, or any employee of a State, a County, or any other person specifically authorized by the Administrator to perform the duties required under this Order.

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**Limited Permit:** A document issued by an inspector or person operating under a compliance agreement to allow the interstate movement of regulated articles to a specified destination, for specified handling, processing, or utilization.