



DATE: September 23, 2016

TO: All County Agricultural Commissioners

SUBJECT: **PEST EXCLUSION ADVISORY NO. 22-2016**

APHIS Establishes Sweet Orange Scab Regulated Areas in California

Effective September 6, 2016, the United States Department of Agriculture (USDA) Animal and Plant Health Inspection Service (APHIS) has established regulated areas in California for *Elsinoe australis*, the fungal causal agent of sweet orange scab (SOS). APHIS has released a revised Federal Order [DA-2016-55](#) to add four regulated areas (Winterhaven, Calipatria, Blythe, and Pomona) in California and to modify the conditions for the movement of regulated fruit and host nursery stock from regulated areas. Maps of the regulated areas may be viewed [here](#).

The changes to conditions for movement of regulated fruit and host nursery stock from an SOS regulated area are listed below:

- Regulated Fruit Originating in an SOS Regulated Area
 - Regulated fruit from an SOS regulated area destined for processing/packing in California inside a regulated area may have stems and leaves attached when moved.
 - Regulated fruit from an SOS regulated area destined for processing/packing in California outside a regulated area must be practically free from attached stems and leaves prior to movement. Previously, the Federal Order required the fruit to be washed, brushed, and disinfested at a packinghouse before such movement. This is no longer required.
- SOS Regulated Nursery Stock Grown in an APHIS Approved Structure
 - Regulated nursery stock grown in an APHIS Approved Structure must be inspected within five to seven days prior to shipment. Inspection was previously required within five days prior to shipment.
 - Regulated nursery stock grown in an APHIS Approved Structure no longer requires a fungicide treatment prior to shipment.
- SOS Regulated Nursery Stock Grown and Maintained Outdoors
 - Regulated nursery stock grown and maintained outdoors may now be shipped interstate to non-commercial citrus-producing states under terms specified in the compliance agreement and exhibit.

For questions regarding this advisory, please contact Keith Okasaki at keith.okasaki@cdfa.ca.gov or (916) 654-0312.



**COOPERATIVE SWEET ORANGE SCAB REGULATORY PROGRAM
COMPLIANCE AGREEMENT**

_____ **County Agricultural Commissioner / CDFA / USDA**

*[Pursuant to California Food and Agriculture Codes 5701-5705,
and the Federal Domestic Order:DA-2016-55 Sweet Orange Scab]*

<input type="checkbox"/> Cooperative SOS Regulatory Program
Address:
Phone:
Fax:

Compliance Agreement Number: _____

Establishment Name:			
Owner / Manager Name:			
Mailing Address:	City:	Zip:	
Physical Address:	City:	Zip:	
Phone:	() -	E-Mail:	
Thos. Bros:		Latitude:	
Cross Street		Longitude:	

Program:

The California Department of Food and Agriculture (CDFA), the United States Department of Agriculture (USDA), and the _____ County Agricultural Commissioner, cooperating as the Sweet Orange Scab Regulatory Program.

Program Officer: _____

Business/Establishment:

Establishment Name (subsequently referred to as "Establishment"):

Background:

The disease known as Sweet Orange Scab (SOS) presents a real and ongoing threat to the agricultural industry, environment and economy of the State of California. Movement of regulated articles and commodities is a recognized channel for the spread of SOS from established areas to new locations. The SOS Regulated Program is a cooperative effort between public entities that are responsible for mitigating the spread of SOS from regulated areas where the disease is established to new locations.

AGREEMENT:

A. The Sweet Orange Scab Regulatory Program, hereafter referred to as the Program, will permit your establishment to self-execute the Sweet Orange Scab regulatory requirements attached as exhibits checked below, inclusive and incorporated into this agreement by reference as if fully set out. The exhibits checked below are binding:

Check all that apply.

<input type="checkbox"/>	Exhibit: SOS-G	Grower / Grove Manager
<input type="checkbox"/>	Exhibit: SOS-NP	Production Nursery – Nursery Stock Grown Inside An Approved Structure
<input type="checkbox"/>	Exhibit: SOS-NP1	Production or Retail Nursery – Outdoor Grown Nursery Stock
<input type="checkbox"/>	Exhibit: SOS-PH	Processor / Packer / Handler
<input type="checkbox"/>	Exhibit: SOS-T	Transporter / Hauler

B. In exchange for the Program’s promise contained in sub-paragraph “A” above, the Establishment agrees to abide by the following rules and regulations:

1. Handle, process, and/or move regulated articles in accordance with the Sweet Orange Scab regulatory requirements;
2. Follow the Program’s instructions regarding the use of all permits and certificates;
3. Maintain and make such records, as the Program requires, accessible for inspection upon reasonable notice by the Program Officer. These records shall be maintained for a period of the later of 3 years or the resolution of any outstanding claims.

C. This agreement becomes effective on signing and shall remain in effect until canceled by either party on 30 days notice to the other at the address of either appearing above. However, the Program may accelerate the notice to immediate for cause, including but not limited to the Establishment’s abandonment of the procedures outlined in the attached Exhibit(s).

D. Establishment assumes liability, if any, arising from the manner in which Establishment sells, handles or distributes any regulated host material.

NOTICE: Any signatory or employee of any signatory who violates the terms of this Compliance Agreement may be subject to civil penalties pursuant to California Food and Agricultural Code Section 5705.

Signed in the County of _____ in the State of California on ____/____/____	
Establishment Manager/Owner	SOS Program Officer
Print Name:	Print Name:
Signature:	Signature:

EXHIBIT: SOS-NP PRODUCTION NURSERY

Provisions for the Movement of Sweet Orange Scab Regulated Nursery Stock Grown INSIDE a Program Approved Structure in Sweet Orange Scab Regulated Areas

Establishment Agrees to the Following:

1. Approved Structure

Regulated nursery stock propagated, grown, and maintained at a nursery within a Sweet Orange Scab (SOS) regulated area must be housed in a facility which meets the following criteria:

- a. Prior to any rain event, the structure must have a solid roof / barrier to avoid rain splash.
- b. The roof / barrier must be kept in good repair without any tears or gaps.

2. Requirements for Intrastate and Interstate nursery stock movement from a SOS Regulated Area.

Regulated nursery stock propagated, grown, and maintained in a SOS regulated area can move to any location Intrastate or Interstate to any state if it meets **all** of the following criteria:

- a. Plants must be propagated from:
 - i. Citrus Clonal Protection Program stock, **or**
 - ii. From registered mother trees, **or**
 - iii. From registered trees.
- b. Grown and maintained within a Program approved structure.
- c. Avoid overhead irrigation.
- d. Nursery stock must be inspected quarterly to verify the absence of SOS.
- e. Each regulated plant must be properly labeled, identifying it as meeting all requirements for movement outside the SOS Regulated Area.
- f. Regulated nursery stock must be inspected by the SOS Program within five to seven days of shipment.

3. The Nursery must be approved to ship by the SOS Program.

- a. The nursery must have a SOS Program issued compliance agreement.
- b. The nursery must provide documentation that all regulated plants' parentage meets the SOS Program criteria.

4. Paperwork accompanying shipments.

Each shipment of regulated nursery stock must be accompanied with documentation.

- a. Certificate of Quarantine Compliance for Intrastate shipments.
- b. Limited Permit for Interstate shipments.

5. Records Retention

Establishment must maintain records of inspections, treatment, invoices and shipments of nursery stock and make the records available upon request. Each facility must maintain all records for at least 3 years after the interstate shipment of the host nursery stock.

6. Infested Nursery Stock

- a. Suspect SOS infected plant(s) will be placed on Hold pending official pest confirmation.
 - i. Suspect plants will be tagged and segregated.
 - ii. Nursery may choose to destroy the suspect plants under Program supervision.
- b. All other SOS regulated plants will be placed on Hold.
- c. If lab results are negative for SOS, all plants will be released from Hold.
- d. If lab results are confirmed positive for SOS, the following will be implemented:
 - i. All confirmed positive SOS infected plants shall be destroyed.
 - ii. All other SOS regulated plants will remain on Hold.
 - iii. The nursery shall not apply any fungicides that will mask any SOS symptoms.
 - iv. The Program will conduct a follow up inspection at a later time sufficient to allow latent symptoms to express themselves.
 - i. When no suspect SOS infected plants are found during the follow-up inspection, all plants will be released from Hold.
 - ii. When suspect SOS infected plants are found, repeat steps 6, a-d.

7. Site Inspection and Records Review

Establishment shall allow agricultural officials to inspect the premises to ensure compliance with this agreement, and to review records of all plant shipments from this location.

SPECIAL INSTRUCTIONS: _____

Printed name (Owner/Manager)

Signature of Establishment

Date

Failure to comply with stipulations outlined above may result in civil penalties pursuant to California Food and Agricultural Code Section 5705 and/or revocation of this Agreement.

EXHIBIT: SOS-NP1 PRODUCTION OR RETAIL NURSERY

Provisions for the Movement of OUTDOOR Grown and Maintained Sweet Orange Scab Regulated Nursery Stock from Sweet Orange Scab Regulated Areas

Production Nursery

Retail Nursery

1. Intrastate movement restricted to within the Sweet Orange Scab (SOS) Regulated Area

Establishment may move regulated nursery stock from one portion of an SOS regulated area to a receiver under compliance with the Program within the contiguous regulated area when complying with *all* of the following:

- a. Establishment must have a signed compliance agreement with the SOS Program.
- b. Regulated nursery stock must be inspected quarterly by the SOS Program.

2. Interstate movement outside the SOS Regulated Area.

Establishment is restricted movement of regulated nursery stock to non-commercial citrus-producing states or contiguous states under regulation for SOS, and *all* of the following conditions must be met:

- a. Establishment must have a signed compliance agreement with the SOS Program.
- b. Regulated nursery stock must be inspected quarterly by the SOS Program.
- c. Regulated nursery stock shipments must be accompanied by a Limited Permit attached to the consignee's waybill.
- d. Each plant must be labeled with identifying location information for trace back to where plant was grown.
- e. Pre-shipment inspection of each lot required.
 - i. Within 5 days before shipment.
 - ii. If no SOS positive plants are found, the plants may be shipped after treatment.
 - iii. List of approved treatments is found at:

http://www.aphis.usda.gov/plant_health/plant_pest_info/citrus/sweet_orange.shtml

3. Records Retention

Establishment must maintain records of inspections, treatments, invoices and shipments of nursery stock and make the records available upon request. Each facility must maintain all required records for at least 3 years.

- a. All nurseries must keep records of all SOS regulated plant shipments.
- b. Production nurseries must keep records of all sales including walk in customers.
- c. Retail nurseries are not required to keep records of sales to walk in customers.

4. Infested Nursery Stock

- a. Suspect SOS infected plant(s) will be placed on Hold pending official pest confirmation.
 - i. Suspect plants will be tagged and segregated.
 - ii. Nursery may choose to destroy the suspect plants in a Program approved manner.
- b. All other SOS regulated plants will be placed on Hold.
- c. If lab results are negative for SOS, all plants will be released from Hold.
- d. If lab results are confirmed positive for SOS, the following will be implemented:
 - i. All confirmed positive SOS infected plants shall be destroyed.
 - ii. All other SOS regulated plants will remain on Hold.
 - iii. The nursery shall not apply any fungicides that will mask any SOS symptoms.
 - iv. The Program will conduct a follow up inspection at a later time sufficient to allow latent symptoms to express themselves.
 - i. When no suspect SOS infected plants are found during the follow-up inspection, all plants will be released from Hold.
 - ii. When suspect SOS infected plants are found, repeat steps 4, a-d.

5. Site Inspection and Records Review

Establishment shall allow agricultural officials to inspect the premises to ensure compliance with this agreement, and to review records of all plant shipments from this location.

SPECIAL INSTRUCTIONS: _____

Printed name (Owner/Manager)

Signature of Establishment

Date

Failure to comply with stipulations outlined above may result in civil penalties pursuant to California Food and Agricultural Code Section 5705 and/or revocation of this Agreement.



Exhibit: SOS-PH PROCESSOR / PACKER / HANDLER

**Located Inside or Outside
Sweet Orange Scab Regulated Areas**

**Provisions for the *INTRASTATE* and *INTERSTATE* Movement of all Processed and Packed
Sweet Orange Scab Regulated Fruit Grown within Sweet Orange Scab Regulated Areas**

Located Inside a SOS Regulated Area

Located Outside a SOS Regulated Area

- 1. All Processing / Packing facilities receiving Sweet Orange Scab (SOS) regulated fruit from a SOS regulated area must meet the following requirements:**
 - a. Processing / Packing facility must have a compliance agreement.
 - b. Grower and Transporter / Hauler must have compliance agreements.
 - c. SOS regulated fruit must follow standard processing and packing procedures at the receiving Processing / Packing facility. (refer to **Number 4**).
 - d. Packed regulated fruit meeting all requirements is eligible for shipment to any location intrastate, under a Program issued Certificate of Quarantine Compliance (CQC). CQC must be with the paperwork accompanying each shipment.
 - e. Packed regulated fruit meeting all requirements is eligible for shipment interstate to any state, under a Program issued Limited Permit (LP). LP must be with the paperwork accompanying each shipment **and** LP must be on each container / box of packed regulated fruit.

- 2. Processing / Packing facility located inside a SOS regulated area.**
 - a. Regulated fruit may move from an SOS regulated area that is contiguous to a state under regulation for SOS, to that state, without any restrictions.
 - b. Regulated fruit received for packing from a **regulated** area.
 - i. Must meet the requirements listed under #1, a-e.
 - ii. SOS regulated fruit received for processing / packing may have attached stems and leaves.
 - iii. SOS regulated fruit after packing may have attached stems, less than one inch long, without leaves.
 - c. Regulated fruit received for packing from a **non-regulated** area.
 - i. Must meet the requirements listed under #1, a and c.
 - ii. SOS regulated fruit received for processing / packing may have attached stems and leaves.
 - iii. SOS regulated fruit after packing may have attached stems, less than one inch long, without leaves.

- 3. Processing / Packing facility located outside a SOS regulated area.**
 - a. Regulated fruit received for packing from a **regulated** area.
 - i. Must meet all requirements listed under #1, a and c.
 - ii. Transported to the Processing / Packing facility in
 - a fully enclosed vehicle, **or**
 - a solid walled vehicle that is tarped on the top, **or**
 - an open walled vehicle (or field bins) that is tarped on the top and down the sides.
 - No openings or gaps greater than ½ inch.
 - iii. The grower or shipper must maintain the identity of each load of regulated fruit by issuing an individually numbered trip ticket containing the following information:
 - Name of Grove, Land Owner/agent, Lessee, Harvester
 - License tag number.
 - Number of boxes contained in load (if not bulk)
 - Grove block fruit originated in
 - Processing plant or packinghouse to which fruit is destined
 - Date of harvest
 - The word "TARP" written clearly, preferably at the bottom
 - b. SOS regulated fruit received for processing / packing must be practically free of stems and leaves.
 - c. Packed SOS regulated fruit may have attached stems, less than one inch long, without leaves.
 - d. Host fruit received for processing / packing from a **non-regulated** area.
 - i. Grower and Hauler are not required to have a compliance agreement.
 - ii. Processing / Packing facility, **if not** receiving regulated fruit from a regulated area, is not required to have a compliance agreement.

- iii. Packed fruit is eligible for shipment Intrastate, to any location, **without** a Certificate of Quarantine Compliance.
- iv. Packed fruit is eligible for shipment Interstate, to any state, **without** a Limited Permit.

4. Standard Packing and Processing Procedures

- a. Processing and packing procedures
 - i. All SOS regulated fruit must be washed, brushed, and waxed prior to packing.
 - ii. All SOS regulated fruit must be surface disinfested prior to packing. Surface disinfestations can be accomplished by using any of these three disinfestations treatments as per label:
 - i. **Surface Disinfestation Treatment 1: D301.75-11(a-1)**
Thoroughly wet the fruit for at least 2 minutes with a solution containing 200 ppm Sodium Hypochlorite. Maintain the solution at a pH of 6.0 to 7.5, **or**
 - ii. **Surface Disinfestation Treatment 2: D301.75-11(a-2)**
Thoroughly wet the fruit with a solution containing sodium o-phenyl phenate at a concentration of 1.86 to 2.0 percent of the total solution. If the solution has sufficient soap or detergent to cause a visible foaming action, wet for 45 seconds. If the solution does not contain sufficient soap to cause a visible foaming action, wet for 1 minute, **or**
 - iii. **Surface Disinfestation Treatment 3: D301.75-11(a-3)**
Thoroughly wet the fruit with a solution of 85 ppm peroxyacetic acid (PAA) for at least 1 minute.
- b. All SOS regulated fruit must be fungicide treated prior to packing in accordance with label directions.
 - i. **Imazalili**, *or*
 - ii. **Thiabendazole**, *or*
 - iii. **Fludioxonil plus Azoxystrobin**.
- c. The fruit waxing and fungicide treatments may be eliminated when the following take place:
 - i. The Processing / Packing facility must contact the Program at least 24 hours in advance to schedule an inspection.
 - ii. An SOS Program Officer **must** visually inspect the regulated fruit and determine it to be asymptomatic.
 - iii. The inspection **must** take place before processing and packing at the packing facility.

5. Green Waste

- a. Culls, peels, leaves, stems, and other plant debris (Green Waste) must be handled and disposed of as follows:
 - i. Collected and safeguarded on site.
 - ii. Transported to an approved receiver for destruction in one of the following:
 - a fully enclosed vehicle, **or**
 - a solid walled vehicle that is tarped on the top, **or**
 - an open walled vehicle that is tarped on the top and down the sides.
 - iii. Green waste receiver must have a Program issued compliance agreement verified by the Processing / Packing facility.
- b. Approved Green Waste Destruction Methods / Receivers include:
 - i. Heat treated to at least 180 degrees Fahrenheit for a period of at least one hour **or**
 - ii. Deep burial at a Landfill **or**
 - iii. Incineration at a CO-Gen facility **or**
 - iv. Cattle Feed at a Cattle Feed Lot.

6. Site Inspections

Establishment shall allow agricultural officials to inspect the premises to ensure compliance with this agreement, and obtain and review records of all shipments destined to locations outside the SOS regulated area.

7. Employee Training

Establishment shall ensure all employees receive training to be compliant with all specifications of this compliance agreement exhibit.

8. Information Posting

Establishment shall place informative posters and associated SOS information in a conspicuous location, as instructed and supplied by the SOS Program.

SPECIAL INSTRUCTIONS: _____

Printed name (Owner/Manager)

Signature of Establishment

Date

Failure to comply with stipulations outlined above may result in civil penalties pursuant to California Food and Agricultural Code Section 5705 and/or revocation of this Agreement.