



United States Department of Agriculture

California Citrus to China 2022-2023

USDA-APHIS-PPQ, California Program Managers

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Getting Started

- ▣ Requirements apply to all citrus varieties.
- ▣ Register with APHIS through CCQC
 - List will be sent to China
- ▣ Prepare Standard Operating Procedures (SOP)
 - Must include how fruit for export to China will be separated in the field and packing house.
- ▣ Sign and comply with “Industry Affirmation Agreement For China Citrus Exports.”
- ▣ Grower lot list
 - Lots removed must be documented to keep the ineligible lots from being presented for inspection and export.

Requirements

- ▣ Only fruit from approved counties is allowed.
- ▣ Skirt prune trees in participating orchards
 - No fruit or branches touching the ground
 - Must be maintained
- ▣ Mandatory pre-harvest treatment with a copper fungicide just after the first rain (typically between Oct 15 and Nov 30).
 - CCQC will notify packinghouses when additional applications are needed. Additional applications are mandatory
 - ▣ Do not have to contain copper (consult CCQC and GAPs document for alternate fungicides).
 - Applications need to be made to the entire tree
 - Pesticide Use Reports need to be made available if requested.

Field Monitoring

▣ Mandatory field monitoring

- Conducted at least one week before harvest
- If more than 5 symptomatic brown rot fruit per acre are found above 20 inches from the ground then the orchard is ineligible.
 - If Tulare origin: 0 symptomatic fruit are allowed.
- Verify adequate skirt pruning and required fungicide applications have been made
- Document on “China Orchard Monitoring Record.”

Requirements cont.

- ▣ Fruit being exported to China must be harvested at or above 50 cm (approx. 20 inches) from the ground
- ▣ Screen for *Phytophthora* spp. in the packinghouse and remove any decayed fruit
 - *P. syringae* or *P. hibernalis* found will suspend orchard block for the season.
- ▣ Fruit must be treated with a fungicide prior to packing

Requirements cont.

- ▣ Incubation (Tulare grown fruit only)
 - Two weeks before harvest
 - Fruit samples taken above 20” from the ground
 - 100 fruit for the first 12.35 acres + 30 fruit for each additional 12.35 acres per block
 - Incubate for two weeks at 41°F
 - If any brown rot is found the orchard block is suspended from China for the season
 - ▣ Suspect fruit sent to UC Kearney for identification.
 - Documented on “Citrus to China Incubation Log”

Requirements cont.

- ▣ Citrus destined for China must be kept segregated from other fruit
- ▣ Safeguard the citrus from pest re-infestation
- ▣ The carton needs to indicate the fruit name and name of packing facility in Chinese or English

Phytosanitary Inspection

- ▣ County will inspect 2% of the fruit being certified for export
 - 3% for Tulare County grown fruit.
 - The inspection amount will be from a representative sample of the grower lots making up the shipment
- ▣ Zero tolerance for fruit showing signs of decay
 - If any decay is found then that grower lot will be rejected
 - *P. syringae* or *P. hibernalis* found will suspend orchard block for the season
- ▣ Fruit must be free of quarantine pests of concern to China

China inspection

- ▣ Will verify that markings on carton are from the approved registration list
 - If product is not on the registration list it will be rejected
- ▣ If Med fly or Mex fly is found the product will be rejected and the facility or the orchard will be suspended

China inspection cont.

- ▣ 1st incidence of a pest from Citrus Work Plan – California section I, subpart B ➤ the product will be treated and facility will need to implement appropriate corrective measures
 - ▣ Note: work plan incorrectly references Article 13 for above information
- ▣ 2nd incidence of the same pest ➤ the relevant orchards will be suspended until an investigation has been conducted and additional corrective measures are taken
- ▣ If any other pest of quarantine concern to China are found the fruit will be treated

Additional Information

- ▣ The name of the facility listed in the additional declaration on the phytosanitary certificate must be on the approved facility list and match the label on the carton
- ▣ All shipments must list the ocean container on the phytosanitary certificate
- ❖ Trucks can not transit through a Med Fly quarantine unless the container is sealed (prevent entry of pest)



Approved Counties

- ▣ Butte County
- ▣ Fresno County
- ▣ Glenn County
- ▣ Imperial County
- ▣ Kern County
- ▣ Kings County
- ▣ Madera County
- ▣ Mariposa County
- ▣ Merced County
- ▣ Monterey County
- ▣ Orange County
- ▣ Placer County
- ▣ Riverside County
- ▣ San Bernardino County
- ▣ San Diego County
- ▣ San Luis Obispo County
- ▣ Santa Barbara County
- ▣ Santa Clara County
- ▣ Stanislaus County
- ▣ Tulare County
- ▣ Ventura County

Citrus Work Plan – California section I, subpart B pests

- ▣ *Ceratitis capitata* – (Mediterranean Fruit Fly)
- ▣ *Anastrepha ludens* – (Mexican Fruit Fly)
- ▣ *Frankliniella occidentalis* – (Western Flower Thrips)
- ▣ *Pantomorus cervinus* – (Fuller Rose Beetle)
- ▣ Citrus crinkly leaf virus
- ▣ Citrus infectious variegation virus
- ▣ Citrus psorosis virus
- ▣ citrus xyloporsis viroid
- ▣ *Xanthomonas campestris* pv. citri



Contact Information

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