



United States Department of Agriculture  
Animal and Plant Health Inspection Service

**Plant Protection and Quarantine**



# CA Citrus to Chile Program Review 2015-2016

John E. Loyd, USDA, APHIS, PPQ  
Trade Specialist

# Citrus to Chile

## 2015-2016 Program Review

- Chile - Commodity Summary
  - Citrus sinensis Fresh Citrus: Orange; Grapefruit; Pummelo; Mandarin; Tangerine; real Lemon
  - Phytosanitary Certification must show county of origin for fruit, same as registration name, and same as on carton.
  - Additional Declaration(s)- There are six (6) listed in PEXD with options. The citrus comes from an area officially recognized as free from fruit flies of economic importance.
  - Import permit (IP) is required in areas where official fruit fly quarantine exist. IP is requested from Chile SAG and if it is different than what stated in PEXD must follow requirements as listed in the IP.

# Citrus to Chile 2015-2016 Program Review

- **Protocol**

- Focus on Fruit Flies, pest of quarantine concern to Chile
- Applies to commercial shipments only
- Registration of packing sheds for citrus. Grower lot lists on file in PH
- Markings on cartons (grower lot on each carton), pallets (ISPM 15)
- Safeguard when transit FF Quarantine

- **Pest of Concern**

- Fruit Fly Genus- *Ceratitis*, *Bactrocera*, *Dacus* and *Anastrepha*
- From an area free from *Xanthomonas axonopodis* pv. *Citri*
- Additional pest citrus fruit must be free from
  - *Scirtothrips citri*
  - *Brevipalpus lewisi*
  - *Brevipalpus phoenicis*
  - *Marmara* spp
  - *Homalodisca coagulate*

## **Citrus to Chile 2015-2016 Program Review**

- **Requirements for Citrus Fruit from CA**
  - **Resolution – Issued in Santiago 2001**
  - **Similar to Protocol**
  - **Shipping Instructions**
    - **Shipment free from soil**
    - **Packing material adequate for fumigation**
    - **Shipping containers/areas clean sanitary**
    - **Seals on sea van with the seal number on the phytosanitary certificate**
    - **If shipped by air, pallets will have to be covered with plastic covers and sealed.**

## **Citrus to Chile 2015-2016 Program Review**

- **Requirements for Citrus Fruit from CA (cont.)**
  - **Shipments cannot proceed from areas regulated for fruit flies.**
  - **Logs or register of inspections performed with results must be kept for both packing shed and phytosanitary certification.**
  - **Post harvest processing must include washing, and waxing.**
  - **Phytosanitary inspection based on 600 fruit sample with 95% confidence of detecting 0.5% infestation of Marmara spp.**

# Citrus to Chile 2015-2016 Program Review

- **Requirements for Citrus Fruit from CA (cont.)**
  - **Phytosanitary inspection on arrival in Chile using a 2% inspection rate for total cartons in shipment.**
  - **Official inspection on arrival will focus on Marmara spp. with 95% confidence to detect infestation @ 0.5%**

# Citrus to Chile 2015-2016 Program Review Conclusion / Questions

- Current issues – Almonds, Table Grapes labeling problems held shipment
- Chile SAG will look closely at pest on fruit such as scale, mealy bug, and mites. They may also look for citrus peel minter or fungal disease. Any live find would reject shipment or may fumigate if allowed.