

# SUMMARY OF PLANT QUARANTINE REGULATIONS LOUISIANA

## State Plant Regulatory Official

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## **"QUICK REFERENCE"**

<u><b>Regulated Materials</b></u>	<u><b>Regulated States</b></u>	<u><b>Regulated Plant Pests</b></u>
<i>All sweet potato-related materials and plants</i>	AL, CA, FL, GA, LA, MS, NC, SC, TX	<i>Sweetpotato Weevil</i>
<i>Nursery stock</i>	CA, AZ	<i>Phytophagous Snails</i>
<i>Soil, sand, subsoil plant parts</i>	FL, HI, Puerto Rico	<i>Burrowing Nematode</i>
<i>All cotton-related materials and plants</i>	AZ, CA, NM, NV, OK, TX	<i>Pink Bollworm</i>
<i>All peach, plum, apricot, nectarine and almond nursery stock</i>	AL, AR, FL, GA, KY, LA, MO, MS, NC, SC, TN, TX	<i>Phony Peach</i>
<i>Plants/plant parts (not seed) of oak, tanoak, Chinese chestnuts and bush chinquapin</i>	AR, IA, IL, IN, KS, KY, MD, MI, MN, MO, NC, NE, OH, OK, PA, SC, TN, TX, VA, WI, WV	<i>Oak Wilt</i>
<i>Host palms</i>	FL	<i>Lethal Yellowing</i>
<i>Selected palm species</i>	TX, FL	<i>Texas Phoenix Decline</i>
<i>Sugarcane and maize</i>	<i>All states outside LA</i>	<i>Sugarcane Pests/Diseases</i>
<i>All citrus plants and plant parts, and kumquats</i>	<i>All citrus-producing states (see Fed. Quar. 301.75)</i>	<i>Asian Citrus Psyllid, Citrus Canker, Citrus Greening</i>
<i>All citrus nursery stock</i>	AZ, CA, FL, TX, and all other citrus growing areas	<i>Tristeza, Xyloporosis, Psorosis and Exocortis</i>
<i>Pine stock, cut pine items, other federally-regulated materials</i>	CN, IL, IN, IA, MA, MD, ME, MI, MN, NH, NJ, NY, OH, PA, RI, VA, VT, WI, WV (see Fed. Quar. 301.50)	<i>Pine Shoot Beetle</i>
<i>All parts of cotton and wild cotton plants</i>	<i>All cotton producing states outside LA</i>	<i>Boll Weevil</i>
<i>Sweet potatoes, nursery stock, and farm equipment</i>	FL, NC, and SC	<i>Guava root knot nematode</i>

## I. Definitions

- A. Nursery Stock means all trees, shrubs, ornamental plants, grass sod, or foliage plants grown or kept for propagation, distribution or sale.
- B. Nursery means any farm, grounds, or premises on which nursery stock is propagated, grown, or kept for sale or distribution.
- C. Nurseryman means any person who engages in the production, distribution and sale of nursery stock.
- D. Limited Permit means a document authorizing the movement of regulated articles to a restricted area for limited handling, utilization, processing, or for treatment.
- E. Certificate Permit means a permit authorizing the movement, sale or offer for sale or storage of plants, plant products or parts thereof or regulated materials.
- F. Certificate means a document issued by the state entomologist evidencing apparent freedom of plants, plant products or parts thereof or regulated articles from infestation.

## II. Basic Shipping Requirements

All nursery stock shipments entering Louisiana must be accompanied by a valid nursery certificate of inspection tag indicating that the stock is apparently free from especially injurious insect pests and plant diseases. Certificate tags shall include the name and address of the producer and/or shipper. Regulated material includes assorted foliage, bulbs, bedding plants, grasses (ornamental and sod), indoor flowering plants, shrubs, strawberry plants and trees (deciduous shade, fruit and nut).

## III. Additional Certificate or Permit Requirements

- A. Special Permit: Shipment of regulated materials, under proper safeguards, for scientific purposes to USDA or recognized state institutions requires only that a special permit issued by an authorized state or federal inspector accompany the shipment.
- B. Domestic (State) Phytosanitary Certificate: If requested by the consignee, a state phytosanitary certificate may be issued to serve as a state of origin certificate or to attest to freedom from specific insect pests or disease.

## IV. Fees

Nursery Grower:	\$25.00 or \$100.00 annually (based upon sq. ft.)
Nursery Stock Dealer:	\$150.00 annually
Cut Flower Dealer:	\$90.00 annually
Bee Registration:	\$16.00-\$200.00 annually (# colonies dictates)
Sweet Potato Dealer:	No permit fee; \$0.06/ bushel inspection fee
Phytosanitary Certificates:	\$106.00 Commercial; \$61.00 Non-commercial
Other regulated professions:	Contact the LA Dept. Agriculture & Forestry

## V. Regulated Professions

Licensed (exam required) Professions

Permitted (no exam) Professions

Horticulturalist, Landscape Contractor,  
Landscape Architect, Wholesale Florist,  
Florist, Arborist, Utility Arborist

Nursery Grower, Nursery Stock  
Dealer, Cut Flower Dealer, Retail  
Sweet Potato Dealer, Beekeeper

## **VI. Noxious Weeds**

LDAF Seed Division restricts entry of selected weed seed in seed shipments.

## **VII. Applicable Federal Quarantines**

Imported Fire Ant: Entire state is quarantined.

## **VIII. State Quarantines**

### **A. Sweetpotato Weevil, *Cylas formicarius elegantulus* (Sum.)**

States regulated: Portions of AL, CA, FL, GA, LA, MS, NC, SC, TX.

Materials regulated: Sweet potato plants, plant parts, plant products, host materials, all other *Ipomoea* spp., and containers used for transporting such.

Restrictions: Regulated materials may not move into or within the state without a certificate permit. Each container must possess a state of origin certificate permit tag. Materials from infested portions of regulated states are prohibited movement into or through non-infested portions of Louisiana.

### **B. Phytophagous Snails**

States regulated: Entire states of AZ and CA.

Materials regulated: Ornamental, horticultural and nursery stock.

Restrictions: Regulated material originating from any state or area of any state known to be infested with phytophagous snails (including European Brown Garden Snail) injurious to live plants, and moved into or within Louisiana, must be accompanied by a certificate of nursery inspection (tag) and shall be certified snail-free in a manner approved by the department.

### **C. Burrowing Nematode, *Radopholus similis***

States regulated: Entire states of FL, HI and the Commonwealth of Puerto Rico.

Materials regulated: Soil, sand and plant parts produced below soil level except: soil-free aquatic plants, air plants grown in soil-free media, air layered plants root-wrapped in original soil-free moss, dormant bulbs and corms if free from roots and soil, soil-free edible fleshy roots, corms, tubers and rhizomes, and industrial sand and clay.

Restrictions: Regulated materials may not be moved from regulated states into Louisiana unless each shipment or lot is accompanied by an official certificate of the state or commonwealth of origin, stating that (1) based on an official survey it has been determined that the burrowing nematode does not exist on the property or premise on which the regulated materials originated or were grown; or (2) that the regulated materials in the shipment have been produced from seed, or from plant parts free from burrowing nematode, and grown above ground in sterilized soil or other otherwise protected from nematodes until shipped.

### **D. Pink Bollworm, *Pectinophora gossypiella* Saunders**

States regulated: Portions of AZ, CA, NM, NV, OK, TX.

Materials regulated: Cotton plants, plant parts, plant products, used bagging and containers, used harvesting and processing equipment, farm or household goods and products, personal belongings of transient pickers, any means of conveyance and any other articles that may serve as host materials. Exemptions: Standard compression baled cotton lint, linters, and lint cleaner waste; trade-size lint samples, cottonseed cake and meal, and

edible okra grown in areas without pink bollworm.

Restrictions: Cotton processing equipment originating in regulated states must be dismantled and cleaned in an approved manner to the satisfaction of an inspector, or be fumigated before a permit will be issued for its movement into a pest-free area. Mechanical cotton pickers and used picking sacks must be accompanied by an official fumigation certificate and sealed by the appropriate official of the state of origin. All other regulated materials, except for cotton bagging or other containers of cotton, when cleaned to the satisfaction of an inspector, do not require a certificate or limited permit.

**E. Phony Peach** (a viral plant pathogen)

States regulated: Portions of AL, AR, FL, GA, KY, LA, MO, MS, NC, SC, TN, TX.

Materials regulated: All peach, plum, apricot, nectarine and almond nursery stock.

Restrictions: Nursery stock from regulated states or areas will be issued permit certificates only under these conditions: (1) Nursery sites must be at least 300 yds. from wild plum, one-half mile from infested commercial orchards and one-half mile from urban areas; (2) All areas within one-half mile radius of the nursery site must be inspected prior to October 1 of each year, and all trees found infested with phony peach must be removed prior to November 1 of that year; (3) All budding must be restricted to the slipbud method. Plant nurseries in regulated states or areas must apply for nursery-site approval to the state entomologist by August of each year.

**F. Oak Wilt, *Ceratocystis fagacearum***

State regulated: Portions of AR, IA, IL, IN, KS, KY, MD, MI, MN, MO, NC, NE, OH, OK, PA, SC, TN, TX, VA, WI, WV.

Materials regulated: Rooted trees, seedlings and/or propagative parts (but not seed) of oak (*Quercus* spp.), Chinese chestnuts (*Castanea mollissima*), tanoak (*Lithocarpus deniflorus*) and bush chinquapin (*Castanopsis sempervirens*).

Restrictions: Regulated materials may not be moved into Louisiana from regulated states unless accompanied by a valid inspection certificate from the state of origin.

**G. Date Palm Decline/Texas Phoenix Palm Decline** (a mycoplasmal plant pathogen)

States regulated: Entire state of TX and FL.

Materials regulated: All *Phoenix* spp. palms, queen palm *Syagrus romanzoffiana* and cabbage palm *Sabal palmetto*.

Restrictions: Regulated materials are prohibited entry into Louisiana from regulated states unless shipped under Special Permit from the state of origin. Non-host palms from non-infested counties or from areas 25 miles from any infested plants are allowed.

**H. Lethal Yellowing** (a mycoplasmal plant pathogen)

States regulated: Entire state of FL.

Materials regulated: The following list of known host plants:

- |  |  |
|--|--|
| 1. <i>Cocos nucifera</i> L. (Coconut palm) | 14. <i>Chrysalidocarpus cabadae</i> H.E. Moore |
| All varieties, incl. Malayan dwarf         | (Cabada palm)                                  |
| 2. <i>Veitchia</i> spp.                    | 15. <i>Dictyosperma album</i> (Bory) H. Wendl. |
| 3. <i>Pritchardia</i> spp.                 | & Drude (Hurricane or Princess palm)           |
| 4. <i>Arikuryroba schizophylla</i> (Mart.) | 16. <i>Aiphanes lindeniana</i> (H. Wendl.)     |
| Bailey (Arikury palm) H. Wendl.            |  |
| 5. <i>Corypha elata</i> Roxb. (Buri palm,  | 17. <i>Allagoptera arenaria</i> (Gomes) Kuntze |

Gebang palm)

6. *Phoenix reclinata* Jacq.

(Senegal date palm)

7. *Phoenix canariensis* Hort. ex Chab.

(Canary Island date palm)

8. *Phoenix dactylifera* (L.) Date palm

9. *Phoenix sylvestris* (L.) Roxb.

(Sylvester date palm)

10. *Trachycarpus fortunei* (Hook).

Wendl. (Chinese windmill palm)

11. *Hyophorbe (Mascarena) verschaffeltii*

H. Wendl. (Spindle palm)

12. *Caryota mitis* Lour.

(Cluster fishtail palm)

13. *Borassus flabellifer* L. (Palmyra palm)

Restrictions: Regulated materials are prohibited entry into Louisiana from regulated states unless shipped under Special Permit from the state of origin. Non-host palms from non-infested counties or from areas 25 miles from any infested plants are allowed.

18. *Arenga engleri* Becc.

19. *Ravenea hildebrandti* Wendl. ex Bouche

20. *Gaussia attenuata* (O.F. Cook)

Beccari (Puerto Rican Gaussia)

21. *Howeia belmoreana* (C. Moore &

F. Muell.) Becc. (Sentry palm)

22. *Latania* spp. (all species)

23. *Livistonia chinensis* (N.J. Jacquin)

R. Br. ex Mart. (Chinese fan palm)

24. *Nannorrhops ritchiana* (W. Griffith)

J.E.T. Aitchison (Mazari palm)

25. *Neodypsis decaryi* Jumelle

(Triangle palm)

## **I. Sugarcane Pests and Diseases**

States regulated: All states outside of LA

Materials regulated: Sugarcane plants, stalks, cuttings and seed, and maize.

Restrictions: Shipments of regulated materials originating outside LA must be accompanied by a valid inspection certificate from the state of origin attesting to required treatments and freedom from all pests and diseases of concern. Method of certification must be approved by the LA State Entomologist.

## **J. Citrus Canker, *Xanthomonas axonopodis* pv *citri***

States regulated: All areas designated in Federal Quarantine 301.75 et seq. including the parishes of Orleans, St. Bernard, Plaquemines, Jefferson, Lafourche, St. Charles, St. James and St. John.

Materials regulated: All plants and plant parts, including fruit and seeds, of any of the following: All species, clones, cultivars, strains, varieties, and hybrids of the genera *Citrus* and *Fortunella*, and all clones, cultivars, strains, varieties, and hybrids of the species *Clausena lansium* and *Poncirus trifoliata*, and *Swinglea glutinosa*. The most common of these are: lemon, pummelo, grapefruit, key lime, Persian lime, tangerine, Satsuma, tangor, citron, sweet orange, sour orange, mandarin, tangelo, ethrog, kumquat, limequat, calamondin, trifoliata orange, tabog, and wampi.

Restrictions: Federal Quarantine prohibits regulated material from a quarantined area to be allowed into areas of Louisiana free from Citrus Canker unless grown or treated according to federal and state quarantine requirements.

## **and K. Tristeza (a viral citrus pathogen), Xyloporosis (cachexia virulent strain), Psorosis and Exocortis**

States regulated: Entire states of: AZ, CA, FL, TX, and any other citrus-producing states or areas.

Materials regulated: Citrus nursery stock, scions and budwood.

Restrictions: Shipments of regulated materials from an area where tristeza is not known to occur require a certificate of inspection from the state of origin stating such. Regulated materials from regulated states must have been grown under a citrus budwood registration program meeting these requirements:

1. Parent stock tested on trifoliata rootstock at least 3 years with no indication of *exocortis*;
2. Parent stock indexed and found free of tristeza within 12 months before shipment; and found free of cachexia virulent strain of xyloporosis and psorosis;
3. Grower must file a copy of his/her nursery certificate of inspection with the state entomologist;
4. Each shipment must be accompanied by a Louisiana citrus permit tag and a budwood registration tag issued by the state of origin;
5. Each shipment must be accompanied by a citrus invoice report issued by the state of origin showing the name of the grower and consignee; number of trees, scions and/or buds; registered number of parent trees; variety of bud and kind of rootstock. If shipment includes budwood, it must be accompanied by a bud cutting report. A copy of the invoice and bud cutting report, when required, must be mailed to the state entomologist prior to shipment.

**L. Pine Shoot Beetle, *Tomicus piniperda* (Linnaeus)**

States regulated: Portions of CN, IL, IN, IA, MA, MD, ME, MI, MN, NH, NJ, NY, OH, PA, RI, VA, VT, WV, WI and any other states designated regulated under Federal Quarantine 301.50 et seq.

Materials regulated: Pine nursery stock (*Pinus* spp.), other pine products including Christmas trees, logs or lumber with bark attached, bark nuggets, bark chips, stumps, and raw pine materials; and any other materials listed in the Federal Quarantine.

Restrictions: Mature, field-grown pine nursery stock from regulated areas is prohibited. All regulated articles from quarantined areas must be accompanied by a federal certificate or federal limited and must meet all other regulatory requirements as listed in the Federal Quarantine.

**M. Asian Citrus Psyllid, *Diaphorina citri***

States regulated: All areas designated in Federal Quarantine 301.76 et seq. including the following parishes in Louisiana: Jefferson, Orleans, Lafourche, Plaquemines, St. Bernard, St. Charles, St. James, St. Tammany, Tangipahoa, and Terrebonne.

Materials regulated: All plants and plant parts, including but not limited to nursery stock, cuttings, and budwood, except seed and fruit, of: *Aegle marmelos*, *Aeglopsis chevalieri*, *Afraegle gabonensis*, *Afraegle paniculata*, *Amyris madrensis*, *Atalantia* spp. (including *Atalantia monophylla*) *Balsamocitrus dawei*, *Bergera* (=Murraya) *koenigii*, *Calodendrum capnese*, *Choisya ternata*, *Choisya arizonica*, *X Citroncirus webberi*, *Citropsis articulate*, *Citropsis gilletiana*, *Citrus madurensis* (=X *Citrofortunella microcarpa*), *Citrus* spp., *Clausena anisum-olens*, *Clausena excavate*, *Clausena indica*, *Clausena lansium*, *Eremocitrus glauca*, *Eremocitrus hybrid*, *Esenbeckia berlandieri*, *Fortunella* spp., *Limonia acidissima*, *Merrillia caloxylon*, *Microcitrus australasica*, *Microcitrus australis*, *Microcitrus pauana*, *X Microcitronella* spp., *Murraya* spp., *Naringi crenulata*, *Pamburus missionis*, *Poncirus trifoliata*, *Severinia buxifolia*, *Swinglea glutinosa*, *Tetradium ruticarpum*, *Toddalia asiatica*, *Triphasia trifolia*, *Vepris* (=Toddalia) *lanceolata*, and *Zanthoxylum fagara*.

Restrictions: Regulated materials from a quarantined area cannot move outside of the quarantined area unless the grower is under an LDAF Asian Citrus Psyllid (ACP) compliance agreement. The compliance agreement ensures that the regulated materials meet federal and state quarantine requirements.

**N. Citrus Greening (Huanglongbing), *Candidatus Liberibacter asiaticus***

States regulated: All areas designated in Federal Quarantine 301.76 et seq. including the parishes of Orleans, Washington, Jefferson, Plaquemines and St. Bernard.

Materials regulated: All plants and plant parts, including but not limited to nursery stock, cuttings, and budwood, except seed and fruit, of: *Aegle marmelos*, *Aeglopsis chevalieri*,

*Afraegle gabonensis*, *Afraegle paniculata*, *Amyris madrensis*, *Atalantia* spp. (including *Atalantia monophylla*) *Balsamocitrus dawei*, *Bergera* (=Murraya) *koenigii*, *Calodendrum capnese*, *Choisya ternata*, *Choisya arizonica*, *X Citroncirus webberi*, *Cltropsis articulate*, *Citropsis gilletiana*, *Citrus madurensis* (=X *Citrofortunella microcarpa*), *Citrus* spp., *Clausena anisum-olens*, *Clausena excavate*, *Clausena indica*, *Clausena lansium*, *Eremocitrus glauca*, *Eremocitrus hybrid*, *Esenbeckia berlandieri*, *Fortunella* spp., *Limonia acidissima*, *Merrillia caloxylon*, *Microcitrus australasica*, *Microcitrus australis*, *Microcitrus pauana*, *X Microcitronella* spp., *Murraya* spp., *Naringi crenulata*, *Pamburus missionis*, *Poncirus trifoliata*, *Severinia buxifolia*, *Swinglea glutinosa*, *Tetradium ruticarpum*, *Toddalia asiatica*, *Triphasia trifolia*, *Vepris* (=Toddalia) *lanceolata*, and *Zanthoxylum fagara*.

Restrictions: All citrus nursery stock, including fruit and seeds are not allowed to move outside of the quarantined area.

#### **O. Boll Weevil, *Anthonomus grandis* Boheman**

States regulated: All cotton producing states outside of Louisiana

Materials regulated: All parts of cotton and wild cotton plants of the genus *Gossypium*, seed cotton, cottonseed, cotton lint, gin trash, used cotton harvesting equipment, and any other farm products, equipment, means of conveyance and any other articles which may serve as host materials.

Restrictions: All regulated materials entering Louisiana from an area under quarantine for boll weevil must be certified free from boll weevil at origin.

#### **P. Emerald Ash Borer, *Agrilus planipennis***

States regulated: All areas designated in Federal Quarantine 301.53 et seq. including the following parishes in Louisiana: Bienville, Bossier, Caddo, Claiborne, Jackson, Lincoln, Morehouse, Ouachita, Union, and Webster.

Materials regulated: The emerald ash borer in all of its life stages; firewood of all hardwood (non-coniferous) species; nursery stock, green lumber, and other material living, dead, cut, or fallen, including logs, stumps, roots, branches, and composted and uncomposted chips of the genus *Fraxinus*.

Restrictions: All regulated articles are not allowed to move outside of the quarantine area unless the material is treated or processed in a manner approved by LDAF or USDA.

#### **Q. Guava root knot nematode, *Meloidogyne enterolobii***

States regulated: Entire states of FL, NC, and SC

Materials regulated: The guava root knot nematode in all of its life stages; plant parts, specifically sweet potatoes, soil, nursery stock, and commercial planting and/or harvesting equipment.

Restrictions: Regulated materials may not be moved into Louisiana from regulated states with the following exceptions: certified seed sweet potatoes issued under a Special Permit by LDAF, nursery stock that has been sampled, shown to be free of GRKN, and accompanied by a certificate, stamp, or state phytosanitary certificate from the state of origin indicating that the nursery stock has been sampled and is apparently free of GRKN, and farm equipment that has been issued a state phytosanitary certificate from the state of origin indicating that the equipment has been cleaned and is apparently free of soil.

### **IX. State Apiary Information**

American Foulbrood and Africanized Honeybee are Regulated

Small Hive Beetle: Regulated; some restrictions apply

Tracheal Mite and Varroa Mite are Not Regulated (LA = generally infested)

Regulated material: Colonies of bees, nuclei, comb or combless packages of bees; queens;

used beekeeping equipment; other used apiary articles.

Regulated areas: Any area outside of Louisiana, designated by USDA, the state of Louisiana, or local government officials as an infested state or county. States or counties failing to conduct annual inspections that meet Louisiana standards are considered regulated areas.

Requirements: (1). All beekeepers must register each colony annually with the state under a Class A (resident) or Class B (non-resident) Permit. (2). Queens and/or combless packages of bees may be shipped into Louisiana by or to permit holders when accompanied by a certificate of inspection. Honeybees and used apiary equipment may be shipped into Louisiana only by Class A permit holders. (3). Regulated articles from regulated areas require a limited permit issued by the state entomologist. Regulated articles must be accompanied by a certificate of inspection certifying apparent freedom from contagious or infectious diseases and/or pests.

#### **X. Miscellaneous**

Genetically-Engineered / Transgenic Organisms:

Regulatory oversight relies on federal regulations and existing state laws and regulations.

Movement or environmental release of transgenic plants or microorganisms must be done in accordance with all current federal and state laws, rules and regulations.

*Revised May 2019*