

LOUISIANA

SUMMARY OF PLANT PROTECTION REGULATIONS

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Louisiana Department of Agriculture and Forestry
Office of Agricultural and Environmental Sciences
Horticulture and Quarantine Division
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NURSERY STOCK DEFINITION

Nursery Stock means all trees, shrubs, ornamental plants, grass sod, or foliage plants grown or kept for propagation, distribution or sale.

GENERAL 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).

NOXIOUS WEEDS

Federal Noxious Weeds: Seed Division restricts entry of selected weed seed in seed shipments.

Phytophthora ramorum Advance Notification Contact Information

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SWEETPOTATO WEEVIL QUARANTINE

PEST: 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.

PHYTOPHAGOUS SNAIL QUARANTINE

PESTS: 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.

BURROWING NEMATODE QUARANTINE

PEST: 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 nematode infestation until shipped.

PINK BOLLWORM QUARANTINE

PEST: 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.

PHONY PEACH QUARANTINE

PEST: 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.

OAK WILT QUARANTINE

PEST: 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.

LETHAL YELLOWING QUARANTINE

PEST: Lethal Yellowing (a mycoplasmal plant pathogen)

STATES REGULATED: FL

MATERIALS REGULATED: The following list of known host plants:

<u>BOTANICAL NAME</u>	<u>COMMON NAME</u>
<i>Cocos nucifera</i>	Coconut palm all varieties, incl. Malayan dwarf
<i>Veitchia</i> spp.....	
<i>Pritchardia</i> spp.....	
<i>Arikuryroba schizophylla</i>	Arikury palm
<i>Corypha elata</i>	Buri palm, Gebang palm
<i>Phoenix reclinata</i>	Senegal date palm
<i>Phoenix canariensis</i>	Canary Island date palm
<i>Phoenix dactylifera</i>	Date palm
<i>Phoenix sylvestris</i>	Sylvester date palm
<i>Chrysalidocarpus cabadae</i>	Cabada palm
<i>Dictyosperma album</i>	Hurricane or Princess palm
<i>Aiphanes lindeniana</i>	Cuaro palm
<i>Allagoptera arenaria</i>	Seashore palm
<i>Arenga engleri</i>	Formosa Palm, Engle’s sugar palm
<i>Ravenea hildebrandti</i>	Dwarf Majesty Palm, Hildebrandt’s palm
<i>Gaussia attenuate</i>	Puerto Rican Gaussia
<i>Howeia belmoreana</i>	Sentry palm
<i>Latania</i> spp.....	Latan palm
<i>Livistonia chinensis</i>	Chinese fan palm
<i>Trachycarpus fortune</i>	Chinese windmill palm
<i>Hyophorbe (Mascarena) verschaffeltii</i>	Spindle palm
<i>Caryota mitis</i>	Cluster fish-tail palm
<i>Borassus flabellifer</i>	Palmyra palm
<i>Nannorrhops ritchiana</i>	Mazari palm
<i>Neodypsis decaryi</i>	Triangle palm

RESTRICTIONS: Regulated materials are prohibited entry into Louisiana from regulated states unless certified free from LY and accompanied by a special permit or state phyto from the state of origin. Non-host palms from non-infested counties or from an area 25 mile from any infested plants are allowed.

TEXAS PHOENIX DECLINE/DATE PALM DECLINE QUARANTINE

PEST: Texas Phoenix Decline (a mycoplasmal plant pathogen)

STATES REGULATED: 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 certified free from TPD and accompanied by a special permit or state phyto from the state of origin. Non-host palms from non-infested counties or from an area 25 miles from any infested plants are allowed.

SUGARCANE QUARANTINE

PEST: All injurious sugarcane pests and diseases.

STATES REGULATED: All areas other than Louisiana where sugarcane is grown.

MATERIALS REGULATED: Sugarcane plants (*Saccharum* spp.), stalks, cuttings, seed, and any other propagative forms of sugarcane; and maize.

RESTRICTIONS: Shipments of regulated materials into Louisiana from all areas outside of Louisiana must be accompanied by a valid inspection certificate from the state of origin attesting to freedom from all pests and diseases of concern on sugarcane. Method of certification must be approved by the State Entomologist and may include inspections during the growing period, treatments or lab analyses. All material must be found free from quarantined organisms before certification can be issued.

CITRUS CANKER QUARANTINE

PEST: Citrus Canker, *Xanthomonas campestris pv citri* (Hasse) Dye

STATES REGULATED: All areas designated in Federal Quarantine 301.75 et seq., with continued amendments.

MATERIALS REGULATED: All plants and plant parts (including fruit¹ and seeds) of: Calamodin orange (*Citrus mitis*); Pummelo (Shaddock)(*Citrus maxima*); Citrus Citron (*Citrus medica*); Satsuma (*Citrus reticulata*); Grapefruit (*Citrus paradisi*); Sour orange (*Citrus aurantium*); Kumquat (*Fortunella japonica*); Sweet orange (*Citrus sinensis*);

Lemon (*Citrus limon*); Tangelo (*C. paradisi* x. *C. reticulata*); Lime (*Citrus aurantifolia*); Temple orange (*C. reticulata* x. *C. sinensis*); Mandarin orange (tangerine) (*Citrus reticulata*); Trifoliata orange (*Poncirus trifoliata*); and any other article or means of conveyance that presents a risk of disease spread.

RESTRICTIONS: Federal Quarantine prohibits entry into Louisiana.

¹: Fruit from a quarantined area, is allowed entry into Louisiana if the fruit is packed (or repackaged) in a commercial packinghouse that is under a compliance agreement with USDA-APHIS-PPQ in accordance with federal requirements. The regulated fruit has to be treated according to federal requirements and is practically free of leaves, twigs and other plant parts.

TRISTEZA QUARANTINE

PEST: Tristeza (a viral citrus pathogen), *Xyloporosis*, *Psorosis* and *Exocortis*

STATES REGULATED: Entire states of: AZ, CA, FL, TX; 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 xyloporosis and psorosis; 3. Grower must file a 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, containing information on grower, receiver, parent trees, variety, rootstock, etc. 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.

CITRUS GREENING QUARANTINE

PEST: Citrus Greening [Candidatus *Liberibacter asiaticus*]

STATES REGULATED: All areas or states designated as infested under the Federal Citrus Greening and Asian Citrus Psyllid quarantine 7 CFR 301.76 et seq., with continued amendments.

MATERIALS REGULATED: All materials designated as infested under the Federal Citrus Greening and Asian Citrus Psyllid quarantine 7 CFR 301.76 et seq., with continued amendments.

RESTRICTIONS: All regulated articles from quarantined areas must meet all regulatory requirements as listed in the Federal Quarantine, with continued amendments. Regulated articles from quarantined areas outside of Louisiana may only enter citrus greening-infested areas of Louisiana, and only if all federal requirements are met. Intrastate movement of regulated articles out of citrus greening-infested areas is prohibited.

ASIAN CITRUS PSYLLID QUARANTINE

PEST: Asian Citrus Psyllid [Diaphorina citri Kuwayama]

STATES REGULATED: All areas or states designated as infested under the Federal Citrus Greening and Asian Citrus Psyllid quarantine 7 CFR 301.76 et seq., with continued amendments.

MATERIALS REGULATED: All materials designated as infested under the Federal Citrus Greening and Asian Citrus Psyllid quarantine 7 CFR 301.76 et seq., with continued amendments.

RESTRICTIONS: All regulated articles from quarantined areas must meet all regulatory requirements as listed in the Federal Quarantine, with continued amendments. The state of Louisiana has an intrastate quarantine for ACP. The parishes that are under state ACP quarantine are: Jefferson, Orleans, Lafourche, Plaquemines, St. Bernard, St. Charles, St. James, St. Tammany, Tangipahoa and Terrebonne. Intrastate movement of regulated materials originating from ACP-quarantined areas is prohibited unless treated in an approved manner with approved products as listed in the Louisiana Asian Citrus Psyllid quarantine. Any person engaged in the business of growing or handling regulated articles must enter into a compliance agreement with the department if the regulated materials are to be moved to ACP-free areas of Louisiana.

EMERALD ASH BORER QUARANTINE

PEST: Emerald Ash Borer, *Agrilus planipennis*

STATES FEDERALLY REGULATED IN WHOLE: CT, IA, IL, IN, KY, MA, MI, MO, NJ OH, PA, VA and WV. **STATES FEDERALLY REGULATED IN PART:** AR, CO, GA, KS, MD, MI, MN, NC, NH, NY, TN and WI. Louisiana's EAB Interior Quarantine consists of the following parishes: Bienville, Bossier, Caddo, Claiborne, Jackson, Lincoln, Morehouse, Ouachita, Union and Webster.

REGULATED ARTICLES: The emerald ash borer in any living stage of development. Entire ash (*Fraxinus* spp.) trees; ash limbs and branches; ash stumps; ash logs with bark; ash lumber with bark. Non-coniferous (hardwood) wood chips and non-coniferous (hardwood) bark chips larger than 1 inch in two dimensions; firewood of any non-coniferous (hardwood) species; and, any article, product, or means of conveyance when it is determined by the Louisiana Department of Agriculture to present the risk of spread of the emerald ash borer.

RESTRICTIONS: Within Louisiana the movement of regulated articles out of quarantine areas is prohibited except with a compliance agreement. The sale and/or movement of all ash nursery stock within, out of or into Louisiana is prohibited under all conditions.

GUAVA ROOT KNOT NEMATODE QUARANTINE

PEST: Guava root knot nematode, *Meloidogyne enterolobii*

STATES REGULATED: FL, NC and SC.

REGULATED ARTICLES; The guava root knot nematode in all of its life stages; plant parts, specifically sweet potatoes, soil, commercial planting and/or harvesting equipment, and nursery stock from the above-mentioned regulated states. Any other article, product, or means of conveyance when it is determined by the Louisiana Department of Agriculture to present a risk of spreading guava root knot nematode.

RESTRICTIONS: Commercial farm equipment and nursery stock from the regulated states are allowed under the following requirements: Farm equipment must be thoroughly cleaned and a state phytosanitary certificate from the state of origin must be issued for the cleaned equipment. Nursery stock is allowed as long as the nursery stock is certified free of guava root knot nematode.