

# FLORIDA

## SUMMARY OF PLANT PROTECTION REGULATIONS Updated June 2005

Florida Department of Agriculture and Consumer Services  
Division of Plant Industry  
Post Office Box 147100  
Gainesville, Florida 32614-7100  
<http://www.doacs.state.fl.us/pi/index.html>

### **NURSERY STOCK, QUARANTINES, APIARY AND WEED REGULATIONS**

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### **NURSERY STOCK DEFINITION**

All plants, trees, shrubs, vines, bulbs, cuttings, grafts, scions, or buds, grown or kept for or capable of propagation or distribution, unless specifically excluded by the rules of the department.

### **HOUSEPLANTS**

House plants which are part of a passenger's baggage or household effects may enter the state provided the plants are accompanied with a certificate of inspection. Should the plants originate from a state that does not offer an inspection and certification service for house plants, the owner must be able to furnish the department a Florida address where the plants will be located. This information will enable the department to conduct a follow-up inspection if deemed necessary. If sufficient information is given, the plants will be allowed entry.

### **GENERAL SHIPPING REQUIREMENTS**

Any person, nurseryman, stock dealer, agent, or plant broker who desires to ship into this state nursery stock from any state, territory, or district of the United States, shall comply with the following regulations:

The nurseryman, stock dealer, agent or plant broker must be listed in the latest directory of registered or certified nurseries, agents, stock dealers, and plant brokers of the state where such nursery stock originated.

A valid certificate of inspection must be attached to each separate package, bundle, box, or shipment of nursery stock shipped into Florida. In club orders, one tag must be attached to each individual order and another to the package containing the individual orders.

All shipments of nursery stock entering peninsular Florida by road are required to stop at an agricultural inspection station where they will be screened for proper certification and subject to cargo inspection by the department. Each shipment shall be accompanied with a bill of lading, or other valid documentation which contains the following information:

1. Name and address of shipper or consignor
2. Name and physical address of receiver or consignee
3. Description of plants or plant products in the shipment
4. Place and state/country of origin
5. Ultimate destination of shipment if other than receiver or consignee
6. All documents shall be in the English Language, or shall have attached an accurate English translation containing adequate information for examination of the product.

## NOXIOUS WEEDS

Definition: Any living stage, including, but not limited to, seeds and productive parts, of a parasitic or other plant of a kind, or subdivision of a kind, which may be a serious agricultural threat in Florida or have a negative impact on the plant species protected under Statute 581.185.

It is unlawful to introduce, possess, move, or release any plant pest or noxious weed regulated by the department and the USDA except under permit issued by the department or the USDA. No permit shall be issued unless the department has determined that procedures exist to adequately contain the plant pest or noxious weed or that it will not pose a threat to the agricultural industry or the environment.

### Noxious Weed List.

<http://www.doacs.state.fl.us/pi/enpp/botany/images/noxiousweedtable1.pdf>

### Parasitic Weeds.

*Aeginetia* spp. ....Aeginetia  
*Alectra* spp. ....Alectra  
*Cuscuta* spp. .... Dodder

Only the native Florida species are excluded from this list. These include:

1. *C. americana*.
2. *C. compacta*.
3. *C. exaltata*.
4. *C. gronovii*.
5. *C. indecora*.
6. *C. obtusiflora*.
7. *C. pentagona*.
8. *C. umbellata*.

*Orobanche* spp. ....Broomrapes  
with the exception of:

*O. uniflora* (Oneflowered Broomrape).

**Terrestrial Weeds.**

<i>Ageratina adenophora</i> .....	Crofton Weed
<i>Alternanthera sessilis</i> .....	Sessile Joyweed
<i>Asphodelus fistulosus</i> .....	Onionweed
<i>Avena sterilis</i> .....	Animated Oat, Wild Oat
<i>Avena budovicianana</i> .....	Animated Oat, Wild Oat
<i>Borreria alata</i> .....	Broadleaf Buttonweed
<i>Carthamus oxyacantha</i> .....	Wild Safflower
<i>Chrysopogon aciculatus</i> .....	Pilipiliula
<i>Commelina benghalensis</i> .....	Benghal Dayflower
<i>Crupina vulgaris</i> .....	Common Crupina
<i>Cupaniopsis anacardioides</i> .....	Carrotwood
<i>Digitaria scalarum</i> .....	African Couchgrass, Fingergrass
<i>Digitaria velutina</i> .....	Velvet Fingergrass, Annual Conchgrass
<i>Dioscorea alata</i> .....	White Yam
<i>Dioscorea bulbifera</i> .....	Air Potato
<i>Drymaria arenarioides</i> .....	Lightning Weed
<i>Emex australis</i> .....	Three-Cornered Jack
<i>Emex spinosa</i> .....	Devil's Thorn
<i>Euphorbia prunifolia</i> .....	Painted Euphorbia
<i>Galega officinalis</i> .....	Goat's Rue
<i>Heracleum mantegazzianum</i> .....	Giant Hogweed
<i>Imperata brasiliensis</i> .....	Brazilian Satintail
<i>Imperata cylindrica</i> .....	cogongrass
<i>Ipomoea triloba</i> .....	Little Bell, Aiea Morning Glory
<i>Ischaemum rugosum</i> .....	Muraino Grass
<i>Leptochloa chinensis</i> .....	Asian Sprangletop
<i>Lycium ferocissimum</i> .....	African Boxthorn
<i>Lygodium japonicum</i> .....	Japanese Climbing Fern
<i>Lygodium microphyllum</i> .....	Small-Leaved Climbing Fern
<i>Melaleuca quinquenervia</i> .....	Melaleuca <sup>1</sup>
<i>Melastoma malabathricum</i> .....	Indian Rhododendron
<i>Mikania cordata</i> .....	Mile-A-Minute
<i>Mikania micrantha</i> .....	Climbing Hempweed
<i>Mimosa invisa</i> .....	Giant Sensitive Plant
<i>Mimosa pigra</i> .....	Matclaw Mimosa <sup>1</sup>
<i>Nassella trichotoma</i> .....	Serrated Tussock
<i>Neyraudia reynaudiana</i> .....	Burma Reed
<i>Opuntia aurantiaca</i> .....	Jointed Prickly Pear
<i>Oryza longistaminata</i> .....	Red Rice
<i>Oryza punctata</i> .....	Red Rice
<i>Oryza rufipogon</i> .....	Wild Red Rice
<i>Paederia cruddasiana</i> .....	Sewer-Vine
<i>Paederia foetida</i> .....	Skunk-Vine
<i>Paspalum scrobiculatum</i> .....	Kodomillet
<i>Pennisetum clandestinum</i> .....	Kikuyu Grass

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<i>Pennisetum macrourum</i> .....	African Feathergrass
<i>Pennisetum pedicellatum</i> .....	Kyasuma Grass
<i>Pennisetum polystachyon</i> .....	Missiongrass, Thin Napiergrass
<i>Prosopis</i> spp. ....	Mesquite
<i>Pueraria Montana</i> .....	Kudzu
<i>Rhodomyrtus tomentosa</i> .....	Downy Myrtle
<i>Rottboellia cochinchinensis</i> .....	Itchgrass
<i>Rubus fruticosus</i> .....	Bramble Blackberry
<i>Rubus moluccanus</i> .....	Wild Raspberry
<i>Saccharum spontaneum</i> .....	Wild Sugarcane
<i>Salsola vermiculata</i> .....	Wormleaf Salsola
<i>Sapium sebiferum</i> .....	Chinese Tallow Tree
<u><i>Schinus terebinthifolius</i></u> .....	Brazilian Pepper-Tree <sup>1</sup>
<i>Setaria pallidifusca</i> .....	Cattail Grass
<i>Solanum tampicense</i> .....	Wetland Nightshade
<i>Solanum torvum</i> .....	Turkeyberry
<u><i>Solanum viarum</i></u> .....	Tropical Soda Apple
<i>Tridax procumbens</i> .....	Coat Buttons
<i>Urochloa panicoides</i> .....	Liverseed Grass

<sup>1</sup>**Department of Environmental Protection permit required for these species.**

Specific Authority 570.07 (13), (23) FS. Law Implemented 581.031 (4), (5), (6), 581.083, 581.091 FS. History - New 7-27-93, Amended 2/28/94, 6/30/96, 7-7-99.

**QUARANTINES OR ADDITIONAL REQUIREMENTS**

**PLANT PEST OF QUARANTINE SIGNIFICANCE**

PEST: Plant pest not known to occur in the State of Florida or of limited distribution

STATES REGULATED: All

MATERIALS REGULATED: All plants and plant products

RESTRICTIONS: Plant and plant products found to be infested or infected with, or exposed to a plant pest not known to be established or of limited distribution in the state of Florida and the pest is determined to be potentially damaging to Florida agriculture.

The following are examples of plant pests that would require immediate quarantine:

**INSECTS**

<i>Aceria litchi</i> .....	Litchi Mite
<i>Anoplophora spp.</i> .....	Asian Longhorned Beetles
<i>Biprorulus bibax</i> .....	Spined Orange Bug
<i>Bostrichidae</i> .....	Bostrichid Beetles
<i>Brevipalpus chilensis</i> .....	Chilean False Red Mite
<i>Ceratovacuna lanigera</i> .....	Sugarcane Woolly Aphid
<i>Eutetranychus orinetalis</i> .....	Oriental Red Mite
<i>Exophthalmus spp.</i> .....	Caribbean Citrus Weevils
<i>Liriomyza huidobrensis</i> .....	Pea Leaf Miner
<i>Maconellicoccus hirsutus</i> .....	Pink Mealybug
<i>Metamasius spp.</i> .....	Neotropical Palm and Bromeliad Weevils
<i>Musgraveia sulciventris</i> .....	Bronze Orange Bug
<i>Myllocerus spp.</i> .....	Asian Weevils
<i>Nephotettix spp.</i> .....	Green Leafhoppers on rice
<i>Nilaparvata lugens</i> .....	Brown Plant Hopper
<i>Oxycarenus hyalinipennis</i> .....	Dusky Cottonseed Bug
<i>Prymnotrypes spp.</i> .....	Andean Potato Weevils
<i>Russelliana solanicola</i> .....	Potato Psyllid
<i>Siphoninus ptyillyleae</i> .....	Ash Whitefly
<i>Trioza anceps</i> .....	Avocado Psyllid
<i>Trioza perseae</i> .....	Avocado Psyllid
<i>Trioza erytrae</i> .....	African Citrus Psyllid
<i>Tropilaelaps clareae</i> .....	Tropilaelaps Mite

**DISEASES**

- Citrus Chlorotic Dwarf
- Citrus Leprosies Virus
- Citrus Variegated Chlorosis

Citrus Yellow Mosaic Virus	
<i>Huanglongbing</i> .....	Citrus Greening Disease
<i>Phytophthora ramorum</i> .....	Sudden Oak Death
<i>Puccinia horiana</i> .....	Chrysanthemum White Rust
Sugarcane bacilliform <i>badnavirus</i>	
Sugarcane Yellowleaf Syndrome	
<i>Xanthomonas axonopodis</i> pv. <i>citri</i> .....	Citrus Canker

**MOLLUSKS**

<i>Achatina</i> spp. ....	Giant African Snail and Others
<i>Archachatina marginata</i> .....	Banana Rasp Snail
<i>Cryptomphalus</i> spp. ....	Brown Garden Snail and Others
<i>Megalobulimus oblongus</i> .....	Giant South American Snail
<i>Theba pisana</i> .....	White Garden Snail

**NEMATODES**

<i>Anguina tritici</i> .....	Wheat Gall Nematode
<i>Bursaphelenchus cocophilus</i> .....	Banana Rasp Nematode
<i>Ditylenchus destructor</i> .....	Potato Rot Nematode
<i>Ditylenchus displace</i> .....	Bud and Stem Nematode
<i>Globodera rostochiensis</i> .....	Potato Cyst Nematode
<i>Globodera pallida</i> .....	Potato Cyst Nematode
<i>Hemicycliophora arenaria</i> .....	Citrus sheath Nematode
<i>Heterodera carotae</i> .....	Carrot Cyst Nematode
<i>Heterodera cruciferae</i> .....	Cabbage Cyst Nematode
<i>Heterodera goettingiana</i> .....	Pea Cyst Nematode
<i>Heterodera zaeae</i> .....	Corn Cyst Nematode
<i>Hoplolaimus columbus</i> .....	Columbia Lance Nematode
<i>Longidorus africanus</i> .....	Needle Nematode
<i>Longidorus belondriodes</i> .....	Needle Nematode
<i>Meloidogyne chitwoodi</i> .....	Columbia Root-Knot Nematode
<i>Meloidogyne citri</i> .....	Citrus Root-Knot Nematode
<i>Meloidogyne fujianensis</i> .....	Citrus Root-Knot Nematode
<i>Meloidogyne naasi</i> .....	Cereal Root-Knot Nematode
<i>Nacobbus aberrans</i> .....	False Root-Knot Nematode
<i>Pratylenchus convallariae</i> .....	Lesion Nematode
<i>Pratylenchus crenatus</i> .....	Lesion Nematode
<i>Pratylenchus goodeyi</i> .....	Lesion nematode
<i>Xiphinema brevicolle</i> .....	Dagger Nematode
<i>Xiphinema bricolensis</i> .....	Dagger Nematode
<i>Xiphinema californicum</i> .....	Dagger Nematode
<i>Xiphinema diversicaudatum</i> .....	Dagger Nematode
<i>Xiphinema index</i> .....	California Dagger Nematode
<i>Xiphinema insigne</i> .....	Dagger Nematode
<i>Xiphinema vuittenezi</i> .....	Dagger Nematode
<i>Zygotylenchus</i> spp. ....	Lesion Nematode

## **AQUATIC PLANTS**

<http://www.dep.state.fl.us/lands/invaspec/2ndlevpgs/fieldops.htm>

PESTS: Aquatic plant species not native to the State of Florida.

STATES REGULATED: ALL

MATERIALS REGULATED: Aquatic plants

RESTRICTIONS: No person shall import into the state any aquatic plant or seed thereof of a species not native to the state without having first obtained a permit from the Florida Department of Environmental Protection (DEP), Bureau of Invasive Plant Management 3900 Commonwealth Blvd., MS 705, Tallahassee, FL 32399, Tel: 850-488-5631

## **CITRUS PESTS**

PESTS: All injurious insects, plant diseases or disorders of citrus.

STATES REGULATED: All

MATERIALS REGULATED: Any and all kinds of citrus plants and parts thereof.

RESTRICTIONS: It is unlawful to move into Florida any and all kinds of citrus trees and parts thereof except by a special permit from the Division Director. Permits are not required to move citrus fruits into the state. Federal Domestic Quarantines regulate the interstate movement of fruit from areas known to harbor fruit flies injurious to citrus.

## **DOGWOOD ANTHRACNOSE**

PEST: Dogwood anthracnose

STATES REGULATED: AL, CT, DE, GA, ID, MD, MA, NJ, NY, NC, OR, PA, SC, TN, VA, WA, WV and any other state, where dogwood anthracnose is determined to be established.

MATERIALS REGULATED: A dogwood plant (*Cornus* spp.) or part thereof or any other plant or part thereof which is capable of harboring or transporting dogwood anthracnose in any of its life stages.

RESTRICTIONS: The movement of dogwood plants or part thereof from infested states into Florida is prohibited except by master permit issued by the director.

## **BOLL WEEVIL QUARANTINE**

PEST: Boll weevil, *Anthonomus grandis*

STATES REGULATED: ALL

MATERIALS REGULATED: Any article including but not limited to cotton plants, seed cotton, gin trash, and equipment capable of transporting or harboring boll weevil or the insect itself.

RESTRICTIONS: Regulated articles from infested areas may enter Florida provided each shipment is accompanied by a certificate issued by and bearing the signature of an authorized inspector of the state of origin, certifying that such regulated articles were treated as recommended by the department.

### **HOST FRUIT OF FRUIT FLIES**

PEST: Fruit flies (*Anastrepha spp.* (excerpt *A. suspensa*), *Bactocera spp.*, *Dacus spp.*, *Rhagoletis spp.*, and *Ceratitis spp.*

STATES REGULATED: All areas infested

MATERIALS REGULATED: All host fruit which is know to be or found to be a host or articles that may be infested of any fruit flies listed above

RESTRICTIONS: Prohibited into the State of Florida unless accompanied by a certificate issued by an authorized representative of the USDA or the state of origin denoting the absence of fruit flies listed above, or having complied with a treatment established by the department or USDA to insure freedom from fruit flies.

### **LETTUCE MOSAIC**

PEST: Lettuce mosaic virus

STATES REGULATED: ALL

MATERIALS REGULATED: Lettuce seed and plants

RESTRICTIONS: Lettuce seed and or plants moved into, sold or planted in a commercial lettuce production area in Florida shall be certified as having been tested for lettuce mosaic virus by a testing facility approved by the Division of Plant Industry.

### **OAK WILT**

PEST: Oak wilt disease

STATES REGULATED: AR, IL, IN, IA, KS, KY, MD, MI, MN, MO, NE, NY, NC, OH, OK, PA, SC, TN, TX, VA, WV, WI, and any other state, where oak wilt is

determined to be established.

**MATERIALS REGULATED:** Rooted trees and seedling plants of oak (*Quercus spp.*), chestnut (*Castanea spp.*), chinquapin (*Castanopsis spp.*) and tanbark oak (*Lithocarpus densiflora*), and any parts of such plants for propagation, except seed.

**RESTRICTIONS:** The movement of oak wilt disease or host plants into the state from an infested or regulated area is prohibited except by master permit issued by the director. The movement of firewood with bark and unpeeled lumber into the state from an infested or regulated area is prohibited except by a certificate issued by an authorized representative of the state of origin. The certificate shall state that these regulated articles have been treated in a manner approved by the department to minimize risk of inadvertent introduction of oak wilt disease.

## **SEED POTATO PESTS**

**PESTS:** Seed potatoes offered for sale in Florida must not exceed the tolerances indicated for the following plant pests: nematode and tuber moth injury, 0%; bacterial ring rot, 0%; blackleg, 1%; Fusarium rot (damage by), 1%; soft rot or wet breakdown, 1%; varietal mixture, .25%; late blight, 1%; and any other dangerous pest of potatoes not listed, 0%. Must also meet requirements for external and internal defects as provided by U.S. Standards for Grades of Seed Potatoes (37 F.R. 8667).

**STATES REGULATED:** ALL

**MATERIALS REGULATED:** Seed potatoes

**RESTRICTIONS:** (1) All potatoes to be sold for propagation in Florida must meet U.S. No. 1 seed potato requirements as set forth in the U.S. Standards for Grades of Seed Potatoes (37 F.R. 8667). (2) All potatoes to be sold for seed in Florida must have been grown under a seed potato certification program of the state or country of origin, and each bag must be accompanied by a certificate issued by the agency administering the seed potato certification program. (3) The department shall have the authority to open any shipment of seed potatoes for inspection and to draw a reasonable sample from any bag of seed potatoes for laboratory examination or for planting for field observation.

## **SNAILS**

**PESTS:** Snails

- *Achatina spp.* (Example: *marginata* achatina snail and giant African snail)
- *Helix spp.* (Example: brown garden snail)
- *Theba pisana* (Muller), white garden snail
- *Megalobulimus oblongus* (Muller), giant South American snail
- Any other plant-infesting snail which may be determined by department order or rule to be injurious to Florida agriculture.

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STATES REGULATED: AZ, CA, HI, NM, OR, TX, WA,

MATERIALS REGULATED: Any plant, plant product or other regulated article capable of transporting or harboring plant-feeding snails.

RESTRICTIONS: Regulated articles from infested states may move into Florida provided they have been inspected by authorized officials of the state of origin and each shipment accompanied by an original special certificate stating that the articles have been inspected and meet Florida's requirements.

## **SUGARCANE**

STATES REGULATED: ALL

MATERIALS REGULATED: Propagative parts of sugarcane including all species of the genus *Saccharum* and all species of its close relatives *Imperata*, *Miscanthidium*, *Miscanthus*, *Rapidium*, *Erianthus*, and *Sorghum* and all hybrids, selections, varieties, or clones.

RESTRICTIONS: The movement of propagative parts of sugarcane into the State of Florida is prohibited unless accompanied by a special permit issued by the department.

## **APIARY INSPECTION LAW**

### **PESTS OF HONEYBEES AND UNWANTED RACES OF HONEYBEES**

PESTS: American foulbrood, *Tropilaelaps clareae*, Varroa mite, African honeybee, Cape honeybee and any other honeybee race or pest determined by the department to be a threat to the state.

STATES REGULATED: ALL

MATERIALS REGULATED: American foulbrood, *Tropilaelaps clareae*, Varroa mite African honeybee, Cape honeybee, any honeybee race or pest determined by the department to be a threat to the state, used beekeeping equipment or fixtures and any other article capable of transporting a regulated pest or an unwanted race of honeybees.

RESTRICTIONS: The movement of all honeybees, beekeeping equipment, or other regulated articles are prohibited entry into the State of Florida unless accompanied by a certificate issued by the state of origin department of agriculture certifying that the regulated articles were inspected and found to meet Florida's entry requirements.