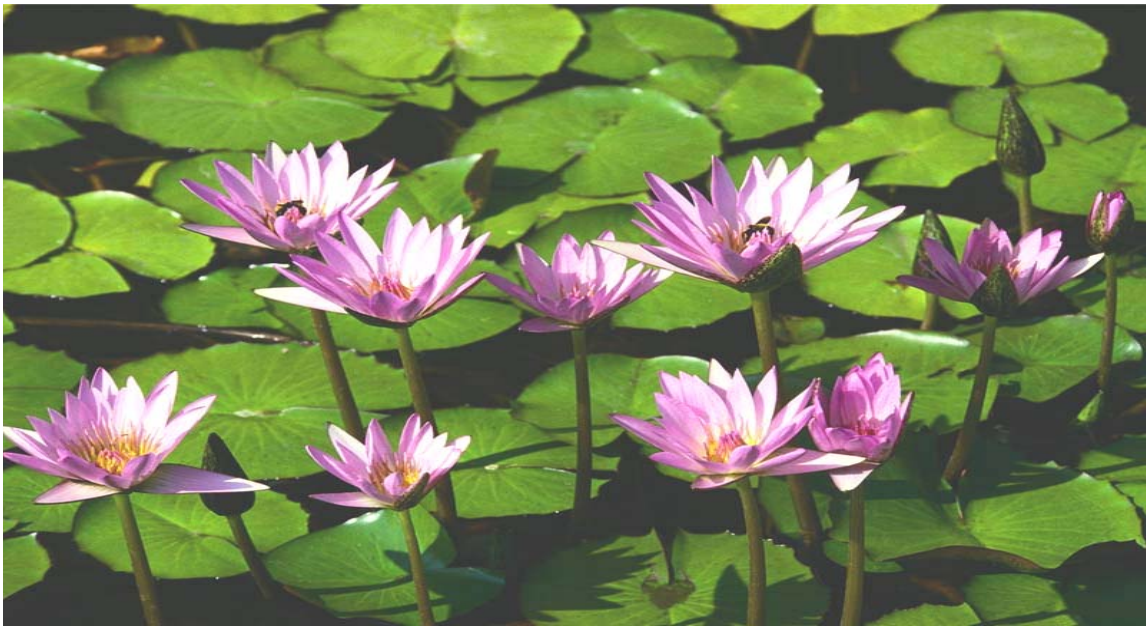


**PESTICIDE APPLICATOR
CERTIFICATION AND LICENSING
IN FLORIDA**



September 2006

**Division of Agricultural Environmental Services
Florida Department of Agriculture & Consumer Services
CHARLES H. BRONSON, COMMISSIONER**

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PESTICIDE APPLICATOR CERTIFICATION AND LICENSING IN FLORIDA

INTRODUCTION

The Florida pesticide applicator certification and licensing program is administered jointly by the Florida Department of Agriculture and Consumer Services (FDACS), Division of Agricultural Environmental Services (AES) and the University of Florida, Institute of Food and Agricultural Sciences (UF/IFAS). The program is approved by the U.S. Environmental Protection Agency (EPA) for certification of applicators of restricted use pesticides and is partially supported by federal funding through a cooperative agreement between FDACS and EPA. The program is primarily supported by state funding and fees collected through administration of the program.

Federal law requires all individuals who use restricted use pesticides to be certified or work under the direct supervision of a certified applicator. Federal regulations set forth uniform standards for certification to assure competency in the safe use and application of pesticides for individuals in all states. All pesticide applicator certifications and licenses issued by FDACS meet federal standards and are issued in accordance with an EPA-approved pesticide certification plan.

State laws and regulations in Florida impose additional certification and license requirements for certain types of pesticide applications, establish the license types and categories available, and specify the procedures for certification and recertification in Florida.

The following offices within FDACS/AES issue pesticide applicator certifications and licenses: Bureau of Compliance Monitoring/Pesticide Certification Section; Bureau of Entomology and Pest Control/Pest Control Section; and Bureau of Entomology and Pest Control/Mosquito Control Section. Descriptions of the licenses and certifications issued by each office are provided in the following sections of this publication.

The UF/IFAS Pesticide Information Office coordinates the pesticide applicator certification and training functions conducted by the UF/IFAS. This office prepares training materials and exams; provides these materials to the Cooperative Extension Service county offices for use in training and exam administration; and works directly with FDACS to ensure a seamless training, certification and licensing program for pesticide applicators.

AGRICULTURAL AND RELATED PEST CONTROL (Chapter 487, Florida Statutes)

All persons who apply restricted use pesticides to agricultural areas, industrial areas, and any outdoor areas not associated with buildings or public health pest control must have a pesticide applicator license issued by the Bureau of Compliance Monitoring/Pesticide Certification Section. **Table 2** lists the license types issued by this office.

The pesticide applicator licensing requirements for agricultural and related pest control are contained in the “*Florida Pesticide Law*,” Chapter 487, Part I, Florida Statutes (F.S.), and associated rules, Chapters 5E-2 and 5E-9, Florida Administrative Code (F.A.C.). This law regulates both general use and restricted use pesticides. In general, a pesticide applicator license is required only for use of restricted use pesticides. **However, an exception is AERIAL application, which requires a license for application of ANY pesticide – including restricted use and general use.**

The following types of pesticide use are considered “*agricultural or related*” and are regulated by the Bureau of Compliance Monitoring under authority of Chapter 487, F.S.:

- Agricultural pest control, including pest control on any area where farming of any type is performed or livestock is raised; or where any ground crops, trees, or plants are grown for production purposes, such as at a nursery;
- Golf course, park, athletic field, and cemetery pest control;
- Right-of-way pest control, including right-of-way areas for public and commercial use, such as electric lines, telephone lines, railroads and pipelines;
- Aquatic pest control, except public health pest control using aquatic insecticides (mosquito larviciding, etc.);
- Aerial pest control, except public health aerial pest control (aerial mosquito control, aerial dog fly control, etc.);
- Seed treatment and wood treatment;
- Regulatory pest control (for example, eradication programs for plant pests);
- Demonstration and research use of restricted use pesticides for agricultural and related purposes;
- Use of marine paints containing organotin compounds, such as tributyl tin, for control of barnacles and other marine organisms that attach to underwater vessels and structures;
- Application of chlorine gas injected into residential swimming pools by means of a portable system;
- Application of restricted use products to control roots in sewer lines; and,
- Application of restricted use herbicides to control undesirable plants such as Melaleuca and Brazilian pepper in parks, preserves, and other natural areas and recreation areas.

LICENSE CLASSIFICATIONS

PRIVATE applicator

A private applicator is a licensed applicator who applies restricted use pesticides by ground application for the purpose of producing an agricultural commodity on property owned or rented by the applicator or the applicator’s employer.

This license is for owners and employees of farms, ranches, groves, nurseries, gardens, and other establishments that produce agricultural commodities. The license is valid for application of restricted use pesticides for ornamental and turf production (at a nursery, sod farm, etc.), but not for maintenance of ornamentals or turf, such as at a golf course.

The *private applicator agricultural pest control* category is required for this license type. The aerial category is NOT available to private applicators (effective September 16, 2004).

A commercial applicator license may substitute for a private applicator license for certain uses. For further discussion, see the section on commercial applicators.

PUBLIC applicator

A public applicator is a licensed applicator employed by a federal, state, county, city, or other local agency or government entity who uses restricted use pesticides on the job. This license is valid only for work performed for the government agency during the course of employment. The following must have a public applicator license:

- Employees of municipal electric companies, city & county parks, government owned railways, state & federal highway departments, state universities, who use restricted use pesticides on the job;
- Extension Agents, public university researchers, and vocational agriculture instructors who use or demonstrate the use of restricted use pesticides must have a public applicator license *including the demonstration and research category*; and,
- Federal and state personnel conducting pest eradication or control using restricted use pesticides must have a public applicator license *including the regulatory pest control category*.

NOTE: A commercial applicator license may substitute for a public applicator license if desired. However, liability issues should be taken into consideration and discussed with the employer if an applicator plans to use a commercial license for making pesticide applications as part of employment with a government entity.

COMMERCIAL applicator

A commercial applicator is a person who uses restricted use pesticides in any agricultural or related area (see examples under Agriculture and Related Pest Control) for any purpose other than as provided by the other license classifications. This includes the following uses:

- Contract application of restricted use pesticides for someone else (when someone other than the owner or an employee of the firm makes the application).
- Non-contract application of restricted use pesticides for any purpose other than agricultural production, but not including work-related applications made by government employees.

Examples: A commercial applicator license is required for owners or employees of the following businesses that use restricted use pesticides in their work:

- aerial application service (not including public health aerial applications)
- aquatic weed control service
- cemetery maintenance service
- park maintenance - recreational (privately owned), including athletic fields
- golf course - turf or greens maintenance
- chemical/fertilizer company - custom application
- contract right-of-way pest control for government agencies or utilities
- seed treatment company
- wood treatment company
- organotin antifouling paint (Exception: Use of 16-ounce or smaller spray cans)
- field or greenhouse research and demonstration by industry representatives
- field or greenhouse research and demonstration by private researchers

An applicator may make applications of restricted use pesticides only in the categories for which he has been licensed. For example, a golf course applicator must be licensed in the ornamental and turf category to apply restricted use pesticides to the golf course. If he applies a restricted use pesticide to a pond on the golf course, he must also be licensed in the aquatic category.

NOTE: **A commercial applicator license may substitute for a private applicator license only for uses covered by the commercial license.** For example, a commercial license with the agricultural row crop category only may substitute for applications made to row crops on property owned or rented by the applicator or the applicator's employer (but would not be valid for application to tree crops, ornamentals or turf, forest sites, aquatic sites, or for animal treatment, seed treatment, wood treatment, or fumigation).

NOTE: **A commercial applicator license may substitute for a public applicator license if desired.** However, liability issues should be taken into consideration and discussed with the employer if an applicator plans to use a commercial license for making pesticide applications as part of employment with a government entity.

Table 1 lists the appropriate license type and category for many specific uses and sites. For other uses or sites, contact the Pesticide Certification Section at (850) 488-3314.

SPECIAL CATEGORY RESTRICTIONS AND REQUIREMENTS

Aerial Application –

This category is required for individuals who apply ANY pesticide from an aircraft. The aerial category is available only to commercial and public applicators. Aerial applicators who make no ground applications of restricted use pesticides and no pest management decisions, may choose to be licensed only in this category.

NOTE: **Aerial applicators who also make ground applications** of restricted use pesticides must also be licensed in the appropriate ground categories for the sites to be treated (agricultural row crop, forestry, right-of-way, etc.). **Aerial applicators who also make pest management and pesticide application determinations** must be licensed in the aerial category and all other categories applicable to the treatment site(s).

Pilots must provide a copy of their FAA pilot's license before being licensed by FDACS in the aerial category.

Fumigation –

All applicators who use restricted use fumigants must be licensed in one of the following categories:

- **Soil & greenhouse fumigation; Raw agricultural commodity fumigation; or, Regulatory pest control.** These are the only license categories that authorize fumigation by commercial and public applicators using restricted use fumigants.
- **Private applicator agricultural pest control.** This category authorizes private applicators to use restricted use fumigants for agricultural production on their own property or associated with their agricultural employment.

Demonstration & Research –

Demonstration & Research is a secondary category, which means that applicators must also be licensed in at least one other category. Applicators who conduct demonstrations and research with restricted use pesticides must be licensed in all appropriate categories for the types of applications made (ag tree crop, aquatic, etc.) as well as the demonstration and research category. Laboratory use of restricted use pesticides is exempt from licensing.

Regulatory Pest Control and Regulatory Inspection & Sampling –

These categories are available only to public applicators who use restricted use pesticides as part of their job requirements.

TRAINING

Training for all of the agricultural categories and most related categories is conducted by the University of Florida/IFAS/Cooperative Extension Service. Most training manuals may be purchased at nominal cost. Please see **Table 5** for a list of the primary training and reference materials and where to obtain them for restricted use pesticide licensing.

Additional pesticide safety education and pest management resources can be obtained from the University of Florida/IFAS Extension Book Store. A catalog of offerings and an online order form are available at www.ifasbooks.ufl.edu. Orders can also be placed by telephone toll free at 1-800-226-1764. Pesticide safety education and pest management resources can also be found on the University of Florida/IFAS Extension Data Information Source (EDIS). To view a list of resources available from this source go to <http://edis.ifas.ufl.edu/>.

Training classes are conducted by the Cooperative Extension Service in local offices statewide. All county offices offer training in general standards (core) and private applicator agricultural pest control. Selected county offices offer category training for public and commercial applicators. For schedules of training classes, check with the local Cooperative Extension Service offices near you. A list of the county offices is provided in **Table 9** and is also available online at <http://extadmin.ifas.ufl.edu/Extlinks.htm>.

The FDACS Bureau of Compliance Monitoring/Pesticide Certification Section conducts or arranges training for the following categories: *chlorine gas infusion, sewer root control, and regulatory inspection and sampling (for FDACS employees)*. To obtain training manuals for these categories, call the Pesticide Certification Section at (850) 488-3314. These training manuals are included in **Table 5**.

The FDACS Division of Plant Industry (DPI) conducts training for its employees in the *regulatory pest control* category. For more information on training and examinations for the regulatory pest control category, call the Division of Plant Industry / Bureau of Biological Control and Methods Development at (352) 372-3505.

EXAMINATION REQUIREMENTS

Under the Florida Pesticide Law, certification is defined as recognition by FDACS that an individual is knowledgeable and competent in the use of pesticides. Once an individual becomes certified, he or she is then eligible to obtain a pesticide applicator license. All applicants for a pesticide applicator license issued under Chapter 487, F.S., must pass one or more examinations for initial certification before obtaining a license. Examinations will not be translated into other languages orally, in writing or in any other form. A description of the exams required for each license type is listed below.

Private License (private applicator agricultural pest control)

- Two examinations are required to obtain a private applicator license:
- *General standards (core) exam*; and,
 - *Private applicator agricultural pest control exam*.

Public and Commercial License

Public and commercial applicators are required to pass the general standards (core) examination **and** the examinations for each category of intended use. *EXCEPTION:* The following category exams include questions from the core exam, so it is not necessary to take the core exam: **organotin antifouling paint, chlorine gas infusion, and sewer root control**.

Public and commercial applicators may become licensed in as many categories as desired, provided they qualify for each category and pass the appropriate exams.

DESCRIPTION OF EXAMINATIONS

General Standards (Core) Exam

The Core exam is a basic examination that includes general knowledge of proper pesticide use and pesticide safety. This exam is required for all licenses except the organotin antifouling paint pest control, chlorine gas infusion, and sewer root control categories (these category exams include applicable questions from the general standards exam).

- Core Exams Administered by IFAS: The Core exam is given at all county Cooperative Extension Offices throughout the state. (see **Table 9** for locations)
- Core Exams administered by FDACS: The Core exam is given by FDACS for its employees for certification as public applicators in regulatory pest control and regulatory inspection & sampling.

Category Exams Administered by IFAS

The University of Florida Institute of Food and Agricultural Sciences (IFAS) develops and administers the following category examinations:

- **aerial application**
- **agricultural animal pest control**
- **agricultural row crop pest control**
- **agricultural tree crop pest control**
- **aquatic pest control**
- **demonstration & research**
- **forest pest control**
- **natural areas weed management**
- **organotin antifouling paint pest control**
- **ornamental & turf pest control**
- **private applicator agricultural pest control**
- **raw agricultural commodity fumigation**
- **right-of-way pest control**
- **seed treatment**
- **soil & greenhouse fumigation**
- **wood treatment**

Category exams are given in select Cooperative Extension Service offices (**Table 10** indicates which offices offer training & examinations for the different license categories). Each County Extension Office sets its own schedule for administering exams. Applicators should check with the county extension offices in their area to make arrangements to take exams.

All exams are multiple choice and are given closed book. A passing grade of 70% is required on all exams.

Category Exams Administered by FDACS – Division of Agricultural Environmental Services (AES)

The FDACS Division of Agricultural Environmental Services administers the exams for the following categories for commercial & public applicators:

- **chlorine gas infusion**
- **sewer root control**
- **regulatory inspection & sampling**

These may be scheduled by calling the Pesticide Certification Section at (850) 488-3314. These examinations are administered upon request. A passing score of 70% is required.

Category Exams Administered by FDACS – Division of Plant Industry (DPI)

- **regulatory pest control**

The regulatory pest control exam is administered as needed by the FDACS Division of Plant Industry (DPI) for employees in that Division. Exam answer sheets are sent to the Pesticide Certification Section in Tallahassee for grading and licensing. A passing score of 70% is required.

The regulatory pest control and regulatory inspection and sampling categories are for licensing of FDACS employees only and are not available to the public. Information about the DPI regulatory program may be obtained by calling 352-372-3505.

PROCEDURES FOR OBTAINING A LICENSE

TRAINING & EXAMS FOR CATEGORIES ADMINISTERED BY IFAS: Each County Cooperative Extension Service office offers various pesticide certification training and exams. The exams offered may not be the same at every county office.

Prospective applicants should contact the nearest Cooperative Extension Service office that offers the training and exams needed. Make arrangements with the county office to attend training, if needed, and to schedule the required exams. A summary of exams offered by each county is provided in **Table 10**. See **Table 9** to obtain contact information for each Cooperative Extension Service office. A link to each County Extension's website may be found on the internet at www.ifas.ufl.edu/extension.

EXAM SCORES: The FDACS Pesticide Certification Section grades the exams and sends exam results to examinees by U.S. Postal Service. **Exam scores should reach individuals in two to three weeks after testing.**

EXAM SCORES AVAILABLE ONLINE: Individuals who take exams may obtain their exam scores online. To obtain exam scores online, individuals should go to www.flaes.org (click on *COMPLIANCE MONITORING* - look for *DATABASE SEARCHES* - then look for *EXAM SCORE SEARCH*). **Exam scores are available online approximately two weeks after the test date.**

LICENSE APPLICATION: Upon successful completion of the appropriate exams, FDACS sends the individual an appropriate license application (private, public, or commercial).

LICENSE: When the completed application and license fee payment are returned to the Pesticide Certification Office, the license is issued, provided all requirements are met.

OUT OF STATE RESIDENTS: All out-of-state residents applying for a license issued by the Bureau of Compliance Monitoring are required to file a “**Designation of Registered Agent and Registered Office for a Nonresident Restricted Use Pesticide License**” INHSE30(6/92) with the Florida Department of State before the license may be issued. This is necessary to indicate who will be held responsible for service of process in the event a legal suit is filed. A filing fee of \$87.50 is required by the Department of State. A copy of the form is provided as **Exhibit 1**. The Florida Department of State notifies the FDACS Pesticide Certification Section when forms have been filed.

COST AND DURATION OF LICENSES

LICENSE FEES: See **Table 2** for license fees and duration of restricted use pesticide licenses. All fees are flat fees for the license type. There is no extra fee to add categories. Fees may be prorated on a yearly basis for licenses valid less than four years (based on reciprocal certification, etc.).

LICENSE EXPIRATION & RENEWAL: License renewal is required every four years. Renewal notices are mailed approximately 60 days prior to the expiration date.

UPDATING LICENSE FILE INFORMATION

TO CHANGE MAILING ADDRESS & PERSONAL INFORMATION: **It is the licensee's responsibility to notify FDACS in writing or by password-authorized telephone notification of any change in mailing address or other personal information on file.**

Written notifications: Must be signed by the licensee. A *CHANGE OF ADDRESS/INFORMATION REQUEST* form is provided in **Exhibit 2**. This form may be obtained from the Division web site: www.flaes.org (click on *COMPLIANCE MONITORING* - look for: *PESTICIDE CERTIFICATION & LICENSING* then *FORMS & DOCUMENTS*). Applicators may use this form or any signed notification such as a letter to request changes of information or to establish a password. Notifications and requests should be faxed or mailed to:

Pesticide Certification Section
3125 Conner Blvd., Bldg. 8 (L29)
Tallahassee, FL 32399-1650
Telephone (850) 488-3314; Fax (850) 922-6961

Telephone notifications: Are accepted only if the licensee has a password on file with the Pesticide Certification Section. When making changes by telephone, licensees must provide their name, birth date, last four digits of social security number, and password.

PASSWORD ON FILE: Licensees who do not have a password on file may establish one by mailing or faxing a signed, written request to the Pesticide Certification Section.

PROCEDURES FOR RECERTIFICATION AND LICENSE RENEWAL

What is Recertification?

Recertification is a demonstration of continued competency in the safe and proper use of pesticides, which is required before a license can be renewed. Recertification may be accomplished by either retaking the certification examinations or accumulating a specified number of Continuing Education Units (CEUs) during the license period.

Applicators may choose to renew some categories by exams and other categories by CEUs. However, reexamination is required if the license has been revoked or suspended for six months or longer or it is deemed by the Department that new information concerning pesticide use, application techniques, or impact on health or the environment makes reexamination essential for continued certification.

Recertification by Exam

Applicators have the option of taking the certification exams again to become recertified for license renewal. The exams required for recertification are the same exams required for initial certification (see **Table 2** for a list of exams required). Recertification exams should be scheduled following the same procedures used for initial certification. For more information, see the above section on procedures for obtaining a license.

Recertification by CEUs

Continuing Education Units (CEUs) are earned by attending professional meetings or seminars or completing online or correspondence courses that have been approved by FDACS to grant CEUs for license renewal. An expired license can be renewed for up to one year after expiration using either exams or CEUs. See **Table 2** for the number of CEUs required to renew each category.

Private Applicator CEUs

Private applicators renewing with CEUs must earn 4 core CEUs plus 4 private applicator agricultural CEUs, for a total of 8 CEUs. Private applicators have the option of retaking the core exam instead of earning 4 core CEUs. Private applicators also have the option of retaking the private applicator exam instead of earning 4 private applicator category CEUs.

Commercial and Public Applicator CEUs

Commercial and public applicators renewing with CEUs must earn 4 core CEUs per person plus the required number of CEUs for each category to be renewed. The CEU requirements for each category are given in **Table 2**. Commercial and public applicators also have the option of renewing some categories (or core) with CEUs and other categories (or core) by retaking the exams.

How to Earn CEUs

Training classes approved by FDACS to issue CEUs are given statewide and in some out-of-state locations. The majority of the CEU programs are sponsored by the local Cooperative Extension Service offices in each county.

To find out where and when approved training classes will be held, and the number of CEUs approved, applicators should check the online *CEU CLASS SEARCH* at www.flaes.org (click on *COMPLIANCE MONITORING* - look for *CEU CLASS SEARCH*). Applicators may also check with local Cooperative Extension Service offices or the Pesticide Certification Section in Tallahassee at (850) 488-3314. A directory of Cooperative Extension Service offices is available in **Table 9** or online at <http://extadmin.ifas.ufl.edu/Extlinks.htm>.

Online and correspondence courses are available for earning some CEUs and are included in the online CEU Class Search at www.flaes.org.

LICENSE RENEWAL

Licenses should be renewed on or before the license expiration date. Applicators renewing after the expiration date must not purchase or use restricted use pesticides while the license is expired. Applicators will be required to affirm on the renewal notice that restricted use pesticides have not been purchased or used since the license expired.

Licenses can be renewed up to 60 days after the expiration date without incurring any late fees. However, a \$50 late fee is required if a license is renewed more than 60 days after it has expired. If a license has been expired for one year or longer, the license may not be renewed. The individual must retake the certification examinations and get a new license.

RENEWAL NOTICES: FDACS sends renewal notices to all licensees approximately 60 days before license expiration date. It is the applicator's responsibility to renew the license in a timely manner and maintain a valid license as required for the pesticide applications made.

CHANGE OF MAILING ADDRESS: It is the licensee's responsibility to notify FDACS in writing or by password-authorized telephone notification of any change in mailing address or other personal information on file. To change mailing address or personal information, please refer to page 8 of this manual under UPDATING LICENSE FILE INFORMATION.

RECIPROCAL CERTIFICATION

Florida currently has reciprocal certification agreements with Mississippi, Georgia, Alabama, North Carolina, South Carolina, and Indiana. See **Table 8** for a summary.

The certification agreements waive only the examination requirement, not the license requirement. Applicators are still required to obtain a Florida license for any application of restricted use pesticide in Florida. NOTE: These reciprocal agreements apply only to agricultural and related restricted use pesticide licenses issued by the Bureau of Compliance Monitoring under Chapter 487, F.S.

FDACS may also be able to reciprocate with other states or federal agencies on a case by case basis, depending on license type, categories, and competency standards. When an individual requests a Florida license based on a certification or license in another state, the Pesticide Certification Section contacts the appropriate state or federal office to obtain a copy of the applicant's certification or license record.

OUT OF STATE RESIDENTS: Applicants for reciprocal certification who are out-of-state residents are also required to file a "*Designation of Registered Agent and Registered Office for a Nonresident Restricted Use Pesticide License*" INHSE30(6/92) with the Florida Department of State. This form is necessary to indicate who will be held responsible for service of process in the event a legal suit is filed. A filing fee of \$87.50 is required by the Department of State. This form is provided as **Exhibit 1**. This form may be obtained from the Division web site: www.flaes.org (click on *COMPLIANCE MONITORING* - look for *PESTICIDE CERTIFICATION & LICENSING* then look for *FORMS & DOCUMENTS*).

Applicants for reciprocal certification must meet all other applicable requirements for licensing in Florida (age, FAA License for aerial applicators, etc.).

PROVISIONS FOR TESTING IN LANGUAGES OTHER THAN ENGLISH

Exams are given only in English, according to Florida rule requirements (Section 5E-9.026, Florida Administrative Code).

PROVISIONS FOR APPLICATORS UNABLE TO READ

Written exams are required for all license types. Oral exams are not allowed. Applicants must be able to read and write English. Reasonable accommodation will be made on a case by case basis for individuals with disabilities.

CROP ADVISOR EXEMPTION CERTIFICATION

Agricultural pesticide applicators who are also crop advisors may obtain an exemption from certain requirements under the Worker Protection Standard (WPS) while performing crop advising tasks. The FDACS Pesticide Certification Section offers an optional crop advisor exemption (CAE) certification, which is available to licensed agricultural applicators. This certification is not a category of pesticide application and does not authorize any type of pesticide application.

Under the WPS, a "crop advisor" is defined as a person who assesses pest numbers or damage, pesticide distribution, or the status or requirements of agricultural plants. The term does not include anyone performing hand labor tasks, which are defined by WPS as including planting, weeding, harvesting, etc. Crop advisors may be crop consultants, pest management scouts, foresters, pest control advisors, and other individuals performing crop advising tasks on farms, nurseries, greenhouses, and forests.

The crop advisor exemption certification available through the FDACS Pesticide Certification Section is only one of several programs available in Florida to allow crop advisors to be exempt from the allowable WPS requirements. For more information about the WPS requirements for crop advisors and the different exemption programs available for crop advisors, contact your local Cooperative Extension Service office or call the FDACS Pesticide Certification Section at (850) 488-3314.

The FDACS Crop Advisor Exemption Certification is not available by itself but may be added to a private applicator license or to a public or commercial applicator license that includes one of the following agricultural categories: agricultural row crop; agricultural tree crop; soil and greenhouse fumigation; ornamental and turf; or forestry. The crop advisor exemption certification is not a category of pesticide applicator licensure and does not provide for any type of pesticide application.

To qualify for the FDACS crop advisor exemption certification, an applicator must hold a pesticide applicator license, pass the Crop Advisor Exemption exam with a minimum passing score of 70%, and meet the educational and/or work experience requirements established for this program. Applicants should call their local Cooperative Extension Service office for exam schedules. There is no fee to take this exam.

When the applicant is notified of a passing score on the crop advisor exemption exam, the applicant should provide the required documentation of relevant education and/or work experience to the FDACS Pesticide Certification Section. This documentation may consist of one of the following:

- Official transcripts from an accredited college or university with a minimum of 20 semester hours or 30 quarter hours of earned credit in agronomy, entomology, plant physiology, plant pathology, biology, horticulture, agricultural engineering, or pest control courses; or
- Documentation of 1000 hours of work experience as a crop advisor or crop consultant. Work experience must be documented with W-2 Forms, federal tax returns, or an executed employment contract, plus an explanation from the employer or supervisor verifying the nature of work responsibilities and the length of time worked.

Upon approval, a new pesticide applicator license credential will be issued with a crop advisor exemption (CAE) certification sticker attached. There is no fee or recertification requirement for this certification. Questions may be directed to the FDACS Pesticide Certification Section at (850) 488-3314.

AERIAL REQUIREMENTS

Aircraft Registration

All aircraft used to apply or dispense any pesticide, fertilizer, or seed product in Florida must be registered annually with FDACS using form DACS-13354, "*Application for Aircraft Registration*". This form is available from the Pesticide Certification Section at 850-488-3314 or on the Division web site www.flaes.org (click on *COMPLIANCE MONITORING* - look for *AERIAL SECURITY* then *AERIAL SECURITY FORMS*). Completed forms should be submitted to the Pesticide Certification Section as directed on the form. No registration fee is required.

Agricultural Pesticides:

Aircraft registrations require insurance or surety bond. The aircraft registration will be valid until the expiration of the insurance policy or surety bond, or up to one year from issue date. Registrations must not exceed one year.

Public Health (Mosquito Control) Pesticides:

Registrations for public health pesticides do not require insurance or surety bond. The expiration date will be June 30th. If the registration also includes agricultural pesticides, the registration will expire at the time the insurance policy or surety bond expires.

Fertilizer/Seed Products:

Registrations for fertilizer and/or seed products do not require insurance or surety bond. The expiration date will be one year from issue date. If the registration also includes public health pesticides, the expiration date will be June 30th. If the registration includes agricultural pesticides, the registration will expire at the same time the insurance policy or surety bond expires.

Proof of Insurance or Surety Bond

If agricultural pesticides are applied, proof of insurance or surety bond must be provided with the application for registration. This is not required if only fertilizer, seed, and/or public health pesticides are applied. Below are the requirements for insurance or surety bond for agricultural pesticide application:

- Option 1: Insurance
Insurance must be in the amount of \$100,000 (minimum) property damage coverage plus \$300,000 (minimum) bodily injury coverage per occurrence, insuring the registered aircraft against liability for damage, loss, or injury, including chemical drift or trespass, resulting from the aerial application of any pesticide made from the covered aircraft. A deductible clause of \$1,000 is acceptable.
- Option 2: Surety Bond
Surety bonds must be in the amount of \$100,000 minimum, executed by a corporate surety company authorized to conduct business in Florida.

Aircraft Security

All aircraft used to apply or dispense any pesticide, fertilizer, or seed must be secured when not in use. "*Secured when not in use*" - means keeping the aircraft within a locked building, locked in place securely, or mechanically disabled from flying; or use of any other reasonable method which prevents or deters theft or unauthorized use.

Pesticide and Fertilizer Storage

All pesticides and fertilizers on the premises owned or controlled by any aerial applicator must be stored and maintained so they are not accessible to unauthorized persons. Secured storage means: fences with a minimum 6 feet height; door locks; valve locks; electronic security systems; disabling of mobile storage units; blocking of access, ingress, or egress; or any other reasonable method to prevent or deter theft or unauthorized use. Buildings used to store pesticides and/or fertilizers must be of rigid construction so unauthorized entry can not be achieved without the use of heavy machinery or equipment. If a portable building is used, the building must be secured in place so it can not be towed or otherwise removed by unauthorized persons.

Report of Aircraft Transactions

Any **purchase, sale, rental, leasing, or transfer of ownership** of an **aircraft used or registered for application of pesticides, fertilizer, and/or seed** must be reported to the Department **within 24 hours** of the transaction. Both of the following must report:

- The person relinquishing ownership or control of the aircraft must report the transaction.
- The person obtaining ownership or control of the aircraft must also report the transaction if the aircraft will be used for aerial application of pesticides, fertilizer, and/or seed in Florida.

Transaction reports should be transmitted to fax number 850-922-6961 or to the Pesticide Certification Section at 3125 Conner Blvd, Building 8 (L29), Tallahassee, Florida, on one of the following forms:

(CHOOSE ONLY ONE OF THE FOLLOWING FORMS):

1. **Ownership Declaration and Sales and Use Tax Report on Aircraft** - Florida Department of Revenue form DR-42A, (available at www.myflorida.com/dor/forms/2002/DR-42A.pdf)
2. **Aircraft Bill of Sale** – Federal Aviation Administration form AC 8050-2 (available at <http://forms.faa.gov/forms/ac8050-2.pdf>)
3. **Report of Aircraft Transaction** – Florida Department of Agriculture & Consumer Services form DACS-13355

All three of these forms are available from the following locations:

- www.flaes.org (click on *COMPLIANCE MONITORING* - look for *AERIAL SECURITY* then look for *AERIAL SECURITY FORMS*)
- Pesticide Certification Section at (850) 488-3314

Recordkeeping for Aerial Applications

During time of a declared emergency issued by the Florida Governor or the Commissioner of Agriculture, Florida law requires aerial applicators to keep records relating to the following:

- **aerial application of all pesticides;**
- **aerial application of all fertilizers; and,**
- **aerial application of all seed.**

Details of the Information required for aerial application recordkeeping may be obtained from the following locations:

- Copies of the aerial application recordkeeping requirements may be downloaded from the web site accessed through www.flaes.org (click on *COMPLIANCE MONITORING* - look for *AERIAL SECURITY* then look for *RECORDKEEPING*).
- A printed copy may be obtained by calling the Pesticide Certification Section at 850-488-3314.

How long must records be kept?

The above information must be maintained for a period of two (2) years from the date of application (in a manner that is accessible by the Department upon request).

GENERAL INFORMATION FOR ALL APPLICANTS

The following information applies to all applicants for a restricted use pesticide license issued by the Bureau of Compliance Monitoring under the Florida Pesticide Law, Chapter 487, F.S.:

- Applicants must have reached the age of majority (generally 18 years of age).
- An applicator license cannot be issued in the name of a company. State law requires that the license be issued to an individual.
- ANY PESTICIDE APPLIED AERIALY requires a license with the aerial category, regardless of whether the product is general use or restricted use. The license type may be either commercial or public, depending on the circumstances.
- It is a violation of state law to use restricted use pesticides in an area or for a purpose other than that for which the individual applicator is licensed.
- It is a violation of state and federal laws to use any pesticide in a manner other than as directed by the product label.
- Violations of the law may result in license probation, suspension, revocation, denial of a license, or assessment of a fine of up to \$10,000 per violation, per occurrence.

Recordkeeping for Licensed Pesticide Applicators

Licensed pesticide applicators shall maintain records relating to the application of all restricted use pesticides. Rule 5E-9.032 provides details of the recordkeeping requirements. A copy of Rule 5E-9.032 may be downloaded from the web site accessed through www.flaes.org (click on *COMPLIANCE MONITORING* - look for *PESTICIDE CERTIFICATION & LICENSING* then look for *LAWS & REGULATIONS* then look for *RULE 5E-9.032-PESTICIDE APPLICATOR RECORDS*).

Florida Pesticide Law & Rules

Chapter 487 F.S. – Florida Pesticide Law

Chapter 5E-2, F.A.C. – Pesticides

Chapter 5E-9, F.A.C. – Licensed Pesticide Applicators & Dealers

Rule 5E-9.032, F.A.C. – Pesticide Applicator Records

- Copies of the *Florida Pesticide Law* and associated rules may be downloaded from the web site accessed through www.flaes.org (click on *COMPLIANCE MONITORING* - look for *PESTICIDE CERTIFICATION & LICENSING* then look for *LAWS & REGULATIONS*).
- A printed copy may be obtained by calling the Pesticide Certification Section at 850-488-3314.

For questions about interpretation of the pesticide laws & rules or about pesticide labels, call the Pesticide Compliance Case Review Section at 850-488-5872.

**STRUCTURAL PEST CONTROL and
COMMERCIAL LAWN & ORNAMENTAL PEST CONTROL
(Chapter 482, Florida Statutes)**

BUILDINGS, STRUCTURES OR LAWNS & PLANT BEDS ASSOCIATED WITH A BUILDING: All persons who apply any pesticide (**either restricted use or general use**) inside or to any part of a building or structure, or to ornamentals or turf associated with a building, including lawns and plant beds, must have a pesticide applicator certification issued by the Pest Control Section of the FDACS Bureau of Entomology and Pest Control (BE&PC). (Pesticide applications made to an individual's own residence or yard are exempt from this requirement.) **Table 3** lists the certificates issued by the Pest Control Section of the BE&PC.

PEST CONTROL PURPOSES: Chapter 482, F.S., "*Pest Control*," administered by the Pest Control Section of the BE&PC, regulates the application of both restricted use and unclassified (general use) pesticides for pest control purposes. Types of pest control regulated under this law include **structural fumigation, general household pest control, termite and other wood destroying organisms control, and lawn and ornamental pest control.**

This law does not apply to areas defined as "agricultural." An "agricultural area" is defined in Section 482.021, F.S., as "any area upon which a ground crop, trees, or plants are grown for commercial purposes; or where a golf course, park, nursery, or cemetery is located; or where farming of any type is performed or livestock is raised."

Areas regulated by the Bureau of Entomology & Pest Control under Chapter 482 include:

- **CONTRACT PEST CONTROL:** Pest control performed by **pest control businesses and their employees on non-agricultural property.** (Individuals performing pest control on their own residential property are not regulated under this law.) Exception: residential fumigation is regulated by the BE&PC, even when on a person's own residence or residential property.
- Pest control performed by governmental employees or private/commercial property owners or their employees on non-agricultural property. Examples of pest control performed by these individuals include pesticide applications to buildings or lawn and ornamentals associated with the following: **Government buildings (schools, agency offices, etc.); commercial buildings (banks, groceries, apartments, condominium common areas, hotels, restaurants, etc).**

Table 3 summarizes the certifications available, exams required, and certificate renewal requirements for commercial residential and commercial lawn pest control operators (PCOs) and their employees as well as government employees, private/commercial property owners, employees of private/commercial property owners who perform pest control.

For more information, contact:

Pest Control Section
Bureau of Entomology and Pest Control
1203 Governors Square Blvd (Suite 300)
Tallahassee, Florida 32301
Telephone: 850-921-4177 Fax: 850-410-0724

CERTIFICATIONS AVAILABLE

Pest Control Operator (PCO) Certification

All persons in charge of commercial residential pest control on a contract basis must have a PCO certificate, regardless of whether restricted use or general use pesticides are being used. This includes pesticide applications made in the following categories: general household pest control; termites and other wood destroying organisms pest control; lawn and ornamental pest control; and commercial structural fumigation.

Limited Lawn & Ornamental Certification

This certification is required for individuals who apply pesticides as a government employee, or as a private property owner, or an employee making applications to private property owned by the employer. Use of the term "private property applicator" here refers to individuals who apply pesticides to lawns and ornamentals on privately (employer) owned property, such as private businesses, for maintenance purposes. This certificate is not required when the only pesticides applied are disinfectants, sanitizers, or ready-to-use pesticides sold over the counter at retail.

Limited Structural Certification

Limited Certification in the structural category is required for persons applying pesticides to buildings as a government employee, or as a private property applicator, or an employee making applications to private property owned by the employer. Use of the term "private property applicator" refers to individuals who apply pesticides in or on buildings of privately (employer) owned property, such as private businesses, apartment buildings etc. This category does not include applicators engaged in commercial pest control with a PCO Certificate. The certificate is not required when the only pesticides applied are disinfectants, sanitizers, or ready-to-use pesticides sold over the counter at retail.

Limited Commercial Landscape Maintenance Certification

Limited Certification is required for landscape maintenance personnel applying herbicides for controlling weeds in plant beds and to perform integrated pest management on ornamental plants using the following materials: insecticides and fungicides having the signal word "*caution*" on the label. However, the application equipment that may be used by a person certified pursuant to this section is limited to portable, hand-held 3-gallon compressed air sprayers, or backpack sprayers having no more than a 5-gallon capacity, not including power equipment.

Special Identification Card for Fumigation

This category includes individuals who perform structural fumigation, but who do not have a full pest control operator certification in fumigation. These individuals act only under the direction and supervision of the certified operator in charge of fumigation.

NON-CERTIFIED EMPLOYEES

Non-certified employees who perform pest control or solicit pest control for a licensed company must have an **EMPLOYEE IDENTIFICATION CARD**. Each identification cardholder must be an employee of the licensed company and work under the direct supervision of the certified operator in charge and may not be an independent contractor. An employee may not perform pest control without carrying on her or his person a current identification card having the employee's signature and current photograph. The identification card must be presented on demand to the person for whom pest control is being performed or solicited.

TRAINING

Study manuals for structural and lawn and ornamental pest control certification are listed in **Table 6**. Additional pesticide safety education and pest management resources can be obtained from the University of Florida/IFAS Extension Book Store. To view a catalog of their offerings go to www.ifasbooks.ufl.edu. Pesticide safety education and pest management resources can also be found on the University of Florida/IFAS Extension Data Information Source (EDIS). To view a list of resources available from this source go to <http://edis.ifas.ufl.edu/>.

Commercial pest control operators (PCOs) obtain training through on-the-job experience as non-certified assistants and from training programs sponsored by various industry representatives, chemical companies, and University specialists.

Limited certification holders may obtain training sponsored by various industry representatives, chemical companies, and University specialists. Training for initial certification is optional for all applicators except limited certification - commercial landscape maintenance. In the latter category, the applicant must complete 6 classroom hours of plant bed and ornamental continuing education training approved by the Bureau of Entomology and Pest Control to be eligible for certification.

Commercial pest control identification card holders must obtain four hours of classroom training in pesticide safety, integrated pest management and applicable federal and state laws and rules. The training programs do not have to be pre-approved by the Department but are subject to audit and verification of both content and attendance.

EXAMINATION REQUIREMENTS

Examination is required for initial certification for all certifications issued by the Bureau of Entomology and Pest Control including the Special Identification Card for Fumigation. Exams are composed of multiple choice and true/false questions. Some questions pertain to diagrams and sample pesticide labels. Some category exams include a laboratory practical component which requires identification of relevant pests. Examination content is designed to determine if the applicator is competent in pest control and pesticide application practices.

Commercial Pest Control Operators (PCO)

The commercial pest control operator (PCO) exams are developed and administered by the Bureau of Entomology and Pest Control. An application for examination (available from the Bureau of Entomology and Pest Control) must be completed and approved before an individual is eligible to take these exams. Qualifications for PCO exams are given in Chapter 482.132, F.S. and Chapter 5E-14.117, F.A.C. The qualifications are listed in Chapter 482.132 Florida Statutes (Pest Control). A copy of these qualifications may be downloaded from the internet at www.flaes.org (click on: *AES STATUTES & RULES* then look for *STRUCTURAL PEST CONTROL CHAPTER 482*).

An exam fee is required each time the exams are taken. Exams are offered at least twice each year with additional dates scheduled if necessary. A passing grade of 75% is required for all PCO exams. Individuals who score below the passing grade may retake the examinations as often as desired, according to the schedules set by the testing personnel.

Limited Certification Holder

Exams for the three types of limited certification available are administered by the Cooperative Extension Service offices in all counties statewide. Please refer to **Table 9** for a list of these offices. Applicants should call their local County Extension Service office to inquire about exam schedules. An application for examination (available from the Bureau of Entomology and Pest Control) must be completed and approved before an individual is eligible to take these exams. An exam fee is required each time the exams are taken. A passing score of 75% is required on all the limited certification exams. Exams may be taken as many times as desired, according to the schedules set by the testing personnel.

Special Identification Card Holders – Fumigation

Individuals who perform and supervise structural fumigation under the direction of a certified pest control operator must pass the **special identification card holder fumigation exam**. These individuals must be present on site during structural fumigation. Exams are given by the Bureau of Entomology and Pest Control.

DESCRIPTION OF EXAMINATIONS

Commercial General Household Pests (GHP) Exam

The GHP exam covers the following topics:

Practical knowledge of relevant pest life cycles; damage caused; identification by accepted common names; types of formulations appropriate for control; methods of application that avoid contamination of food and exposure of people and pets; specific factors that may lead to a hazardous condition, including continuous exposure to pesticides; pertinent environmental conditions; precautions necessary and required by law; good industry practice for the safeguard of life, health and property in the conduct of pest control; building construction terminology; and accepted good industry methods and practices founded on recognized publications of the industry.

Questions over the core material are included in this exam.

Commercial Termite and Other Wood Destroying Organisms Exam

Same as for general household pests (GHP) category for relevant pest and pesticide use. The exam includes core questions.

Commercial Lawn & Ornamental Exam

Same as for general household pests (GHP) category for pests of lawns and ornamental plants. The exam includes core questions.

Commercial Fumigation Exam

The Commercial Fumigation exam covers the following topics:

Practical knowledge of relevant pest life cycles; damage caused; identification by accepted common names; precautions necessary and required by law; good industry practice for the safeguard of life, health and property in the conduct of pest control; building construction terminology; accepted good industry methods and practices founded on recognized publications of the industry; the safe handling and application of fumigant pesticides, including toxicology of fumigants; dispersion properties of gaseous chemicals; equipment types and calibration techniques for fumigation; purpose, proper use, and maintenance of fumigant detection and monitoring devices; purpose, proper use, and maintenance of personal protective equipment and clothing; specific factors that may lead to a hazardous condition, including handling of pressurized chemicals and continuous exposure to fumigants; and laws, regulations and labeling pertaining to fumigant registration and label clearance for specific intended uses and proper utilization of each fumigant.

The exam includes core questions.

Limited Certification Exams

The limited certification exams include both core and category questions. The exams are designed to test the applicant's competency in the federal competency standards set forth by EPA under 40 CFR 171.4 and 171.5. These standards have been adopted for the following categories:

- Limited Certification - Govt./Private Structural Pest Control
- Limited Certification - Govt./Private Lawn and Ornamental Pest Control
- Limited Certification - Commercial Landscape Maintenance Personnel

Special Identification Card Holder Fumigation Exam

The exam covers the following:

Application precautions necessary and required by law; good industry practice for the safeguard of life, health and property in the conduct of pest control; building construction terminology; accepted good industry methods and practices founded on recognized publications of the industry; the safe handling and application of fumigant pesticides, including toxicology of fumigants; dispersion properties of gaseous chemicals; equipment types and calibration techniques for fumigation; purpose, proper use, and maintenance of fumigant detection and monitoring devices; purpose, proper use, and maintenance of personal protective equipment and clothing; specific factors that may lead to a hazardous condition, including handling of pressurized chemicals and continuous exposure to fumigants; and laws, regulations and labeling pertaining to fumigant registration and label clearance for specific intended uses and proper utilization of each fumigant.

The exam includes core questions.

COST AND DURATION OF CERTIFICATIONS

See **Table 3** for certification fees and duration. Exam fees are per exam. The PCO certification fee is a flat fee for the certification.

RENEWAL: Renewal notices are mailed approximately 60 days prior to certification expiration date. Late fees are charged if certifications are not renewed by the expiration date.

PROCEDURES FOR RECERTIFICATION

Recertification is required to renew a pesticide applicator certificate. Recertification may be accomplished by either repeating the initial examination requirements or attending approved training programs to receive a specified number of hours in continuing education. Reexamination may be required by FDACS if new knowledge in the use of pesticides is deemed necessary for proof of competency. Please see **Table 3** for the number of continuing education hours required for each certificate. Training programs may be located by reviewing the list of current offerings or conducting a CEU Class Search on the Division web site at www.flaes.org (click on *COMPLIANCE MONITORING* - look for *CEU CLASS SEARCH*).

Training programs for recertification credit may be offered by any organization, but all programs must be approved by FDACS before credit is awarded. FDACS, IFAS, industry, and other agencies and organizations work together to make available pesticide seminars and workshops that offer the necessary recertification credits for certificate renewal.

PROVISIONS FOR APPLICATORS UNABLE TO READ

A person can be certified through the Bureau of Entomology and Pest Control only if he or she can read and write English. Most of the pesticide labels are available only in English.

RECIPROCAL CERTIFICATION

There are no provisions for reciprocal certification in structural pest control or commercial lawn and ornamental pest control law.

PUBLIC HEALTH PEST CONTROL (Chapter 388, Florida Statutes)

Pesticide applications made for wide area mosquito control or control of other arthropods of public health significance, including midges, sand flies, dog flies, yellow flies, house flies, etc. require a public health pesticide applicator license issued by the Bureau of Entomology and Pest Control/Mosquito Control Section. For a list of licenses and certifications available from this section, see [Table 4](#).

Chapter 388, F.S., "*Mosquito Control*," and Rule Chapter 5E-13, F.A.C., administered by the Mosquito Control Section, regulate the application of both restricted use and unclassified (general use) pesticides for the control of arthropods of public health significance. This includes those insects of public health or nuisance importance including all mosquitoes, midges, sand flies, dog flies, yellow flies, house flies, etc. Persons who apply or supervise the application of pesticides intended to control arthropods in public health pest control programs must be licensed or working under the supervision of a licensed applicator.

Areas regulated by this law include all mosquito control and public health pest control including aerial mosquito control and aquatic mosquito larviciding.

Exceptions:

- 1) Persons who control arthropods on their own residential or agricultural property do not need to be licensed under Chapter 388, F.S.; and
- 2) Aquatic plant control and control of all aquatic pests except mosquito larvae is regulated by the Bureau of Compliance Monitoring and may require a license with the aquatic category issued under Chapter 487, F.S., for application of restricted use pesticides.

For more information about certification and licensing for public health pest control in Florida, contact:

Mosquito Control Section
Bureau of Entomology and Pest Control
1203 Governors Square Blvd. (Suite 300)
Tallahassee, Florida 32301
Telephone: 850-922-7011 Fax: 850-413-7044

CERTIFICATIONS AND LICENSES AVAILABLE

Public Health Pest Control (PHPC) License

All persons conducting public health pest control ("integrated arthropod control") must have a PHPC License, regardless of whether restricted use or general use pesticides are being used. This category includes public applicators using or supervising the use of restricted use or general use pesticides in public health programs for the management and control of pests having medical, public health, or nuisance importance. This includes above ground applications to control mosquitoes, midges, sand flies, dog flies, yellow flies, house flies, etc., as well as aquatic insecticide applications to control aquatic stages of public health pests (larviciding). Application of restricted use aquatic herbicides for plant control or plant removal requires an Aquatic license issued by the Bureau of Compliance Monitoring under Chapter 487, F.S.

Advanced Public Health Pest Control Certification

Individuals with advanced training in public health pest control may elect to obtain an advanced public health pest control certification. This designation provides the individual with a wall-sized certificate and an emblem to go on the uniform. This exam can not be taken more than once within any 4 month period. This certification is not required for application of public health pesticides.

Public Health Pest Control License (Aerial Category)

Anyone applying pesticides aerially for control of public health pests such as mosquitoes, biting flies, etc. must have a public health pest control license with aerial category. Individuals must hold a public health pest control license before a public health aerial category will be issued.

Public Health Pest Control Director's Certification

Individuals applying for a position as a director of a mosquito control district or county program, must obtain a pest control director's certification before employment or within 6 months of employment. This exam can not be taken more than once within any 4 month period. This certification is not necessary for anyone other than mosquito control directors.

TRAINING

Study manuals for exams are listed in [Table 7](#). Additional pesticide safety education and pest management resources can be obtained from the University of Florida/IFAS Extension Book Store. To view a catalog of their offerings go to www.ifasbooks.ufl.edu. Pesticide safety education and pest management resources can also be found on the University of Florida/IFAS Extension Data Information Source (EDIS). To view a list of resources available from this source go to <http://edis.ifas.ufl.edu/>.

General Standards (Core)

Training classes for the core exam are conducted in most County Cooperative Extension Offices. Each county sets its own schedule for training. Core training sessions are also included in the CEU Class Search on the Division web site accessed from www.flaes.org (click on *CEU CLASS SEARCH*). A list of the local county offices is provided in [Table 9](#). Contact information for each county office is also available online at <http://extadmin.ifas.ufl.edu/Extlinks.htm>.

Public Health Pest Control

The Bureau of Entomology and Pest Control sponsors training programs to prepare applicators for the public health pest control exam. Additional training sessions may be offered at public health pest control organization meetings. Information regarding training sessions in public health pest control may be found on the Division web site at www.flaes.org (click on: *CEU CLASS SEARCH*).

Advanced Public Health Pest Control

Training in advanced public health pest control is sponsored by the Bureau of Entomology and Pest Control and by several public health pest control organizations. Many of the same sessions provide training in both basic and advanced public health pest control. Training information may also be found on the Division web site at www.flaes.org (click on: *CEU CLASS SEARCH*).

Public Health Aerial

Training for the aerial exam is available at select Cooperative Extension Service offices statewide and through the aerial application industry. For schedules of training classes, check with the local Cooperative Extension Service offices near you. A list of the county offices is provided in **Table 9** and is also available online at <http://extadmin.ifas.ufl.edu/Extlinks.htm>.

Public Health Pest Control Directors

No training sessions are scheduled specifically for public health directors. Individuals may prepare for the exams by studying the reference materials listed for this exam in **Table 7** and by attending the public health pest control training sessions.

EXAMINATION REQUIREMENTS

There is no fee for any of these exams. **Table 4** lists the exam requirements for each license and certification.

General Standards (Core) Exam

Applicants for a public health pest control license must pass the core exam. This is the same exam required for agricultural applicators licensed by the Bureau of Compliance Monitoring. The general standard exam is administered by all the County Cooperative Extension Service offices statewide. The passing score is 70%.

Public Health Pest Control Exam

Applicants for a public health pest control license must pass the public health pest control category exam. The exam is administered by both the Bureau of Entomology and Pest Control (at select times and testing facilities) and County Cooperative Extension Service offices throughout the state. A summary of exams offered by each county is provided in **Table 10**. See **Table 9** to obtain contact information for each Cooperative Extension Service office. A link to each County Extension's website may be found on the internet at www.ifas.ufl.edu/extension. For exam schedules, applicants should contact their local County Cooperative Extension Service or the Bureau of Entomology & Pest Control's Mosquito Control Section in Tallahassee at (850) 922-7011. The passing score is 70%.

Advanced Public Health Pest Control Exam

This exam is administered by the Bureau of Entomology and Pest Control or County Cooperative Extension Service personnel upon request. Arrangements must be made in advance for a testing site and date. The passing score is 70%.

Public Health Aerial Exam

The aerial exam required for the public health aerial license is the same exam required for the agricultural aerial license. The aerial exam is offered at the Cooperative Extension Services offices in the counties designated in [Table 10](#). Applicants for the public health aerial license must pass the aerial, core and public health exams before the public health aerial license will be issued. The passing score is 70%.

Public Health Pest Control Director's Exam

This exam is administered by the Bureau of Entomology and Pest Control or County Cooperative Extension Service personnel upon request. Arrangements must be made in advance for a testing site and date. The passing score is 70%.

DESCRIPTION OF EXAMINATIONS

General Standards (Core) Exam

This is the same core exam that is required for agricultural applicators licensed by the Bureau of Compliance Monitoring. The exam covers basic pesticide use and safety. The exam is offered at all County Cooperative Extension Service offices statewide. The exam is all multiple choice.

Public Health Pest Control Exam

Practical knowledge is required of vector disease transmission as it relates to and influences application programs; relevant pests, including recognition, life cycles, and habitats; environmental conditions that may affect public health arthropod control; and importance and employment of non-chemical control methods, such as sanitation, waste disposal, and drainage. The exam is all multiple choice.

Advanced Public Health Pest Control Exam

This exam goes into more depth and covers more complex public health issues than the basic public health exam. The exam requires narrative answers.

Aerial Exam

This exam is the same exam that is required for agricultural aerial applicators licensed by the Bureau of Compliance Monitoring. It covers practical knowledge of the principles and practices of aerial pest control and the safe application of pesticides by aerial delivery means.

Public Health Pest Control Director's Exam

This exam determines competency in various topics required of public health pest control directors. It requires narrative answers.

COST AND DURATION OF CERTIFICATIONS AND LICENSES

There are no fees for licenses or certifications issued for public health pest control. See [Table 4](#) for license and certification durations.

There is no recertification requirement for the public health aerial license. CEUs in the aerial category are not required and re-testing is not required. Renewal of the public health aerial license is contingent upon renewal of the public health pest control license, and will remain valid as long as the public health pest control license is valid.

The advanced public health certification is valid as long as the public health pest control license is valid.

The Director's Certification is valid as long as the public health pest control license remains valid.

PROCEDURES FOR RECERTIFICATION

Renewal of the public health pest control license may be accomplished by either repeating the initial examination requirements or by attending approved training programs to receive 16 continuing education units (CEUs). Reexamination may be required by FDACS if new knowledge in the use of pesticides is deemed necessary for proof of competency

CEU training programs for recertification credit may be offered by any organization, but all programs must be approved by FDACS before credit is awarded. FDACS, IFAS, industry, and other agencies and organizations work together to make available pesticide seminars and workshops that offer the necessary recertification credits for certificate/license renewal.

CEU CLASS SEARCHES

All programs approved to issue CEUs are posted on the Division web site at www.flaes.org (click on *CEU CLASS SEARCH*).

PROVISIONS FOR APPLICATORS UNABLE TO READ

A person can be certified through the Bureau of Entomology and Pest Control only if he/she can read and write English. Most of the pesticide labels are available only in English.

RECIPROCAL CERTIFICATION

FDACS reciprocates with Alabama and Georgia on public health pest control licenses. License applicants must provide a copy of their current Alabama or Georgia license as proof of certification, and a Florida license may be issued.

EXHIBITS

EXHIBIT 1

**DESIGNATION OF REGISTERED AGENT AND REGISTERED OFFICE FOR
A NONRESIDENT RESTRICTED-USE PESTICIDE LICENSE**

PART I

1. Name and business address of nonresident:

(COMPLETE EITHER #2 OR #3 - NOT BOTH)

2. The name and Florida street address of the registered agent upon whom service of process may be served in accordance with section 487.047, Florida Statutes is:

_____, FL. _____

Having been named as registered agent upon whom service of process may be served on behalf of the undersigned, I hereby accept the appointment as registered agent and agree to act in this capacity.

Registered Agent's signature: _____

3. I, _____, a nonresident, hereby appoint the Florida Secretary of State as my registered agent upon whom service of process may be served in accordance with section 487.047(2), Florida Statutes.

Nonresident's signature: _____

PART II

I hereby acknowledge this document is being submitted to designate a registered agent and a registered office pursuant to section 487.047, Florida Statutes.

Nonresident's signature: _____

Date: _____

<p>FEES: \$35.00 - REGISTERED AGENT DESIGNATION FEE (REQUIRED) \$52.50 - CERTIFIED COPY FEE (REQUIRED) \$87.50 - TOTAL DUE</p> <p>MAKE CHECK PAYABLE TO: FLORIDA DEPT. OF STATE</p> <p>SUBMIT DOCUMENT AND CHECK TO: DIVISION OF CORPORATIONS P.O. BOX 6327 TALLAHASSEE, FL 32314</p>
--

NOTE: CONFIRMATION OF FILING AND A CERTIFIED COPY WILL BE RETURNED TO THE FLORIDA DEPARTMENT OF AGRICULTURE & CONSUMER SERVICES.



CHARLES H. BRONSON
COMMISSIONER

**EXHIBIT 2 - Florida Department of Agriculture & Consumer Services
Division of Agricultural Environmental Services**

**REQUEST FOR CHANGE OF INFORMATION
FOR PESTICIDE APPLICATOR LICENSE**

Section 487.046, F.S.
Telephone: (850) 488-3314; FAX (850) 922-6961

Please fax or mail to:

Florida Department of Agriculture
and Consumer Services
Pesticide Certification Section
3125 Conner Blvd., Bldg. 8 (L29)
Tallahassee, FL 32399-1650

Complete your name and license information plus other sections as needed to update your license file.

Legal Name: _____
Last First Middle Suffix

License Type: PVT COMM PUB **License No:** _____ **Date of Birth:** _____ **Last 4 digits of SSN:** _____

I authorize password-protected release and updating of my file information by telephone with the following password:

Password: _____ (maximum of 8 characters. Characters may be letters, numbers, #,\$,%,&, or *).

*[If this option is checked **and** a password provided, you may call our office to make changes by telephone to personal information in your file, such as address and telephone number. You will be asked to provide your name, birth date, last 4 digits of SSN, and password to verify identity.]*

I want to change my password to _____ (maximum of 8 characters. Characters may be letters, numbers, #,\$,%,&, or *).

I want to stop password-protected release and updating of my file information by telephone.

Home E-Mail Address: _____

Business E-Mail Address: _____

Home Address: _____ Home Phone: _____

_____ Home Phone 2: _____

_____ Home Fax: _____

Mailing Address: _____ Cell Phone: _____

_____ Pager/Beeper: _____

_____ Business Phone: _____

Business Address: _____ Business Headquarters Phone: _____

_____ Business Fax: _____

_____ Other Phone/Fax: _____

_____ Description: _____

(Include area code with all phone numbers)

**I AM REQUESTING AN IMMEDIATE CHANGE TO THE INFORMATION LISTED ABOVE FOR MY RESTRICTED
USE PESTICIDE APPLICATOR LICENSE FILE.**

Signature: _____ Date: _____

***** MUST BE SIGNED AND DATED *****

TABLES

Table 1. CERTIFICATION & LICENSE REQUIREMENTS BASED ON PESTICIDE USE

PESTICIDE USE	Certification or License Required*								
	Chapter 487			Chapter 482				Chapter 388	
	PV	PB	CM	PCO	LC	LL	LS	PH	PA
AERIAL - agricultural production (ag, forestry, etc.)									
By property owner or non-government employee			X						
By government employee (work related)		X	X						
By contract service			X						
AERIAL - mosquito control/public health									
By government employee									X
By contract service									X
AERIAL - other (turf maintenance, etc.)									
By property owner or non-government employee			X						
By government employee (work related)		X	X						
By contract service			X						
AQUATIC									
By property owner or employee (agricultural production only)	X								
By property owner or employee (anything other than agricultural production)			X						
By government employee (agricultural or anything other than public health)		X							
By contract service to any of above			X						
By government employee - public health mosquito larviciding (using aquatic insecticides)								X	
CHEMICAL/FERTILIZER COMPANY									
By employees who demonstrate or custom blend RUPs			X						
FARM, GROVE, RANCH									
By property owner or non-government employee	X		X						
By government employee (work related)		X	X						
By contract service			X						
FERNERY (fern nursery)									
By property owner or non-government employee	X		X						
By government employee (work related)		X	X						
By contract service			X						
FUMIGATION - Soil or greenhouse									
By property owner or non-government employee	X		X						
By government employee (work related)		X	X						
By contract service			X						
FUMIGATION - Raw (harvested) agricultural commodities									
By property owner or non-employee	X		X	X					
By government employee (work related)		X	X	X					
By contract service			X	X					
FUMIGATION - Residential and structural									
By property owner or employee				X					
By contract service				X					
GARDEN (home garden)									
By property owner or non-government employee	X		X						
By government employee (work related demonstration, etc.)		X	X						
By contract service			X						
Mosquito misters (sales, installation & maintenance)				X					

Table 1. CERTIFICATION & LICENSE REQUIREMENTS BASED ON PESTICIDE USE

PESTICIDE USE	Certification or License Required*									
	Chapter 487			Chapter 482				Chapter 388		
	PV	PB	CM	PCO	LC	LL	LS	PH	PA	
NURSERY OR SOD FARM										
By owner or non-government employee of nursery, etc.	X									
By government employee (forest seed bed, etc.)		X								
By contract service to one of the above			X							
PUBLIC HEALTH AERIAL - see Aerial										
PUBLIC HEALTH PEST CONTROL										
By government employee (ground or aquatic application)								X		
By contract service (ground or aquatic application)								X		
By anyone other than on own property								X		
RESEARCH - FIELD PLOTS										
By government employee		X								
By any one else (private industry, etc.) including contract service			X							
RIGHT-OF-WAY										
By government employee (government-maintained power lines, pipelines, railroads, highways, etc.)		X								
By anyone else, including contract service to above			X							
SEED TREATMENT										
By government employee (job related)		X								
By anyone else:										
Seed to be used on licensee's property for ag production	X									
Seed to be sold or used for any purpose other than agricultural production on licensee's property			X							
SEWER ROOT CONTROL										
By government employee (job related)		X								
By anyone else			X							
STRUCTURAL PEST CONTROL (excluding fumigation)										
By owner or employee of company, business, or establishment treated							X			
By government employee (school, institution, etc.)							X			
By contract service to residential areas or one of the above				X						
WOOD TREATMENT										
By government employee (job related)		X								
By anyone else:										
Wood to be used on licensee's property for ag production	X									
Wood to be sold or used for any purpose other than agricultural production on licensee's property			X							
* Certification or License Abbreviations:										
PV=Private RUP Applicator License PB=Public RUP Applicator License CM=Commercial RUP Applicator License <div style="text-align: right;">Chapter 487, Florida Statutes</div>										
PCO=Commercial Pest Control Operator Certification LC=Limited Commercial Landscape Maintenance Certification LL=Limited Lawn & Ornamental Certification LS=Limited Structural Certification <div style="text-align: right;">Chapter 482, Florida Statutes</div>										
PH=Public Health Pest Control License PA=Public Health Pest Control Aerial Category <div style="text-align: right;">Chapter 388, Florida Statutes</div>										

**Table 2. PESTICIDE APPLICATOR LICENSES ISSUED BY THE BUREAU OF COMPLIANCE MONITORING
Pesticide Certification Section (Chapter 487 F.S.)**

LICENSE TYPE	LICENSE PERIOD	LICENSE/ RENEWAL FEE	EXAM FEE	CATEGORIES AVAILABLE	EXAMS REQUIRED FOR INITIAL CERTIFICATION	RECERTIFICATION REQUIREMENTS*		
						Category CEUs	Core CEUs	
Private RUP	4 yrs	\$60	None	Private Applicator Agriculture	Core + Private Applicator Agriculture	4	4 per person	
Public RUP (or) Commercial RUP	4 yrs	Public \$60	None	Aerial Application	Core + Aerial	16		
				Agricultural Animal	Core + Ag Animal	4		
				Agricultural Row Crop	Core + Ag Row Crop	8		
				Agricultural Tree Crop	Core + Ag Tree Crop	8		
				Aquatic Pest Control	Core + Aquatic Pest Control	16		
				Chlorine Gas Infusion	Chlorine Gas Infusion	4		
				Demonstration & Research**	Demonstration & Research	4		
				Forest Pest Control	Core + Forest Pest Control	8		
		Commercial \$160			Natural Areas Weed Management	Core + Natural Areas Weed Management		16
					Organotin Antifouling Paint	Organotin Antifouling Paint		4
					Ornamental & Turf	Core + Ornamental & Turf		12
					Raw Agricultural Commodity Fumigation	Core + Raw Ag Commodity Fumigation		4
					Regulatory Inspection & Sampling	Core + Regulatory Inspection & Sampling		4
					Regulatory Pest Control	Core + Regulatory Pest Control		12
					Right-of-Way Pest Control	Core + Right-of-Way Pest Control		8
					Seed Treatment	Core + Seed Treatment		4
Sewer Root Control	Sewer Root Control	4						
Soil & Greenhouse Fumigation	Core + Soil & Greenhouse Fumigation	4						
Wood Treatment	Core + Wood Treatment	4						

* CEUs = FDACS-approved Continuing Education Units.

Private applicators must earn 4 core CEUs plus 4 private applicator agriculture CEUs (total 8 CEUs) to recertify.

Commercial & Public applicators must earn 4 core CEUs per license (not per category), plus the number of CEUs shown above for each category being renewed. All applicators have the option of recertifying by taking the initial certification exams again.

RUP = Restricted Use Pesticide

** Demonstration and Research is a secondary category issued only in combination with another category.

Table 3. PESTICIDE APPLICATOR CERTIFICATIONS ISSUED BY THE BUREAU OF ENTOMOLOGY & PEST CONTROL
Pest Control Section (Chapter 482 F.S.)

CERTIFICATION TYPE	CERTIFICATION PERIOD	CERTIFICATION FEE	RENEWAL FEE	LATE FEE	EXAM FEE	CATEGORIES AVAILABLE	EXAMS REQUIRED FOR INITIAL CERTIFICATION	RECERTIFICATION REQUIREMENTS*
Pest Control Operator (PCO) Certification**	1 yr	\$150	\$150	\$50	\$225	General Household Pest Control	General Household Pests	2 core CEUs + 2 category CEUs
					\$225	Termites & Other Wood Destroying Organisms	Termites & Other Wood Destroying Organisms	2 core CEUs + 2 category CEUs
					\$225	Fumigation	Fumigation	2 core CEUs + 2 category CEUs
					\$225	Lawn & Ornamental	Lawn & Ornamental	2 core CEUs + 2 category CEUs
Limited Commercial Landscape Maintenance	1 yr	None	\$75***	None	\$150	Limited Commercial Landscape Maintenance	Limited Commercial Landscape Maintenance	4 CEUs (core and/or category)
Limited Lawn & Ornamental Pest Control	4 yrs	None	\$25****	None	\$150	Limited Lawn & Ornamental	Limited Lawn & Ornamental	4 CEUs (core and/or category)
Limited Structural Pest Control	4 yrs	None	\$25****	None	\$150	Limited Structural	Limited Structural	4 CEUs (core and/or category)
Special Identification Card for Fumigation	1 yr	\$100	\$100	\$25	\$200	Fumigation	Fumigation Exam for Special ID Card Holders	2 core CEUs + 2 category CEUs

* CEUs = FDACS-approved Continuing Education Units. Optional reexamination.

** Requires a Pest Control Business License (\$250/yr) and insurance in the amount of \$100,000/\$300,000 bodily injury + \$50,000/100,000 property damage, or employment by a licensed pest control business.

*** \$75 if recertifying with CEUs; \$150 if recertifying by reexamination.

**** \$25 if recertifying with CEUs; \$150 if recertifying by reexamination.

**Table 4. LICENSES & CERTIFICATIONS ISSUED BY THE BUREAU OF ENTOMOLOGY & PEST CONTROL
Mosquito Control Section (Chapter 388 F.S.)**

LICENSE OR CERTIFICATION TYPE	LICENSE OR CERTIFICATION PERIOD	LICENSE OR CERTIFICATION FEE	EXAM FEE	CATEGORIES AVAILABLE	EXAMS REQUIRED FOR INITIAL CERTIFICATION	RECERTIFICATION REQUIREMENTS*
Public Health Pest Control (PHPC) License	4 yrs	None	None	Public Health	Core + Public Health	16 CEUs
	4 yrs	None	None	Aerial	Aerial (must also maintain a Public Health Pest Control License)	None (included with Public Health CEUs)
Advanced Public Health Certification	None	None	None	Advanced Public Health	Advanced Public Health Pest Control (must also maintain a Public Health Pest Control License)	None (included with Public Health CEUs)
Public Health Pest Control Director's Certification	only valid with PHPC license	None	None	Public Health Pest Control Director	Public Health Pest Control Director's Exam (must also maintain a Public Health Pest Control License)	None (included with Public Health CEUs)

* CEUs = FDACS-approved Continuing Education Units. Optional reexamination.

**Table 5. CATEGORIES, EXAMS & STUDY MANUALS FOR
LICENSES ISSUED BY THE BUREAU OF COMPLIANCE MONITORING
Pesticide Certification Section (Chapter 487, F.S.)**

CATEGORY	EXAMS REQUIRED	STUDY MANUALS/ REFERENCE MATERIALS	SOURCE
Private Applicator Agriculture	General Standards (CORE)	Applying Pesticides Correctly SM 001	UF/IFAS Extension Bookstore 1-800-226-1764 www.ifasbooks.ufl.edu
	Private Applicator Agriculture	Private Applicator Agricultural Pest Control – SM 053	UF/IFAS Extension Bookstore 1-800-226-1764 www.ifasbooks.ufl.edu
Aerial	General Standards (CORE)	Applying Pesticides Correctly SM 001	UF/IFAS Extension Bookstore 1-800-226-1764 www.ifasbooks.ufl.edu
	Aerial	Aerial Application SM 041	UF/IFAS Extension Bookstore 1-800-226-1764 www.ifasbooks.ufl.edu
Agricultural Animal	General Standards (CORE)	Applying Pesticides Correctly SM 001	UF/IFAS Extension Bookstore 1-800-226-1764 www.ifasbooks.ufl.edu
	Ag Animal	Agricultural Pest Control: Animals SM 002	UF/IFAS Extension Bookstore 1-800-226-1764 www.ifasbooks.ufl.edu
Agricultural Row Crop	General Standards (CORE)	Applying Pesticides Correctly SM 001	UF/IFAS Extension Bookstore 1-800-226-1764 www.ifasbooks.ufl.edu
	Ag Row Crop	Agricultural Row Crop Pest Control - SM 005	UF/IFAS Extension Bookstore 1-800-226-1764 www.ifasbooks.ufl.edu
		Spray Equipment & Calibration - SM 038	UF/IFAS Extension Bookstore 1-800-226-1764 www.ifasbooks.ufl.edu
Agricultural Tree Crop	General Standards (CORE)	Applying Pesticides Correctly SM 001	UF/IFAS Extension Bookstore 1-800-226-1764 www.ifasbooks.ufl.edu
	Ag Tree Crop	Agricultural Tree Crop Pest Control – SM 063	UF/IFAS Extension Bookstore 1-800-226-1764 www.ifasbooks.ufl.edu
Aquatic	General Standards (CORE)	Applying Pesticides Correctly SM 001	UF/IFAS Extension Bookstore 1-800-226-1764 www.ifasbooks.ufl.edu
	Aquatic	Aquatic Pest Control SM 003	UF/IFAS Extension Bookstore 1-800-226-1764 www.ifasbooks.ufl.edu
Chlorine Gas Infusion	Chlorine Gas	Chlorine Gas Category Study Guide for Commercial Applicators	FDACS Pesticide Certification (850) 488-3314 www.flaes.org

**Table 5. CATEGORIES, EXAMS & STUDY MANUALS FOR
LICENSES ISSUED BY THE BUREAU OF COMPLIANCE MONITORING
Pesticide Certification Section (Chapter 487, F.S.)**

CATEGORY	EXAMS REQUIRED	STUDY MANUALS/ REFERENCE MATERIALS	SOURCE
Demonstration & Research	Demonstration & Research	Demonstration & Research Pest Control Manual SM 359	UF/IFAS Extension Bookstore 1-800-226-1764 www.ifasbooks.ufl.edu
Forest Pest Control	General Standards (CORE)	Applying Pesticides Correctly SM 001	UF/IFAS Extension Bookstore 1-800-226-1764 www.ifasbooks.ufl.edu
	Forest	Pest & Pesticide Management on Southern Forests SM 043	UF/IFAS Extension Bookstore 1-800-226-1764 www.ifasbooks.ufl.edu
Natural Areas Weed Management	General Standards (CORE)	Applying Pesticides Correctly SM 001	UF/IFAS Extension Bookstore 1-800-226-1764 www.ifasbooks.ufl.edu
	Natural Areas Weed Management	Natural Area Weed Management SP 295	UF/IFAS Extension Bookstore 1-800-226-1764 www.ifasbooks.ufl.edu
		Identification & Biology of Non-Native Plants Found in Florida's Natural Areas – SP 257	UF/IFAS Extension Bookstore 1-800-226-1764 www.ifasbooks.ufl.edu
Organotin Antifouling Paint	Organotin Antifouling Paint	Antifouling Paint Pest Control Training Manual SM 042	UF/IFAS Extension Bookstore 1-800-226-1764 www.ifasbooks.ufl.edu
Ornamental & Turf	General Standards (CORE)	Applying Pesticides Correctly SM 001	UF/IFAS Extension Bookstore 1-800-226-1764 www.ifasbooks.ufl.edu
	Ornamental & Turf	Ornamental & Turfgrass Pest Management SM 007	UF/IFAS Extension Bookstore 1-800-226-1764 www.ifasbooks.ufl.edu
		Spray Equipment & Calibration SM 038	UF/IFAS Extension Bookstore 1-800-226-1764 www.ifasbooks.ufl.edu
Raw Agricultural Commodity Fumigation	General Standards (CORE)	Applying Pesticides Correctly SM 001	UF/IFAS Extension Bookstore 1-800-226-1764 www.ifasbooks.ufl.edu
	Raw Ag Commodity Fumigation	Raw Agricultural Commodity Fumigation – SM 066	UF/IFAS Extension Bookstore 1-800-226-1764 www.ifasbooks.ufl.edu
Regulatory Inspection & Sampling	General Standards (CORE)	Applying Pesticides Correctly SM 001	UF/IFAS Extension Bookstore 1-800-226-1764 www.ifasbooks.ufl.edu
	Regulatory Inspection and Sampling	Pesticide Field Sampling Manual	FDACS Pesticide Certification Section (850) 488-3314

**Table 5. CATEGORIES, EXAMS & STUDY MANUALS FOR
LICENSES ISSUED BY THE BUREAU OF COMPLIANCE MONITORING
Pesticide Certification Section (Chapter 487, F.S.)**

CATEGORY	EXAMS REQUIRED	STUDY MANUALS/ REFERENCE MATERIALS	SOURCE
Regulatory Pest Control	General Standards (CORE)	Applying Pesticides Correctly SM 001	UF/IFAS Extension Bookstore 1-800-226-1764 www.ifasbooks.ufl.edu
	Regulatory Pest Control	Public Applicator Training Manual Regulatory Pest Control	FDACS Division of Plant Industry (352) 372-3505 ext. 445
Right-of-Way	General Standards (CORE)	Applying Pesticides Correctly SM 001	UF/IFAS Extension Bookstore 1-800-226-1764 www.ifasbooks.ufl.edu
	Right-of-Way	Right-of-Way Pest Control SM 009	UF/IFAS Extension Bookstore 1-800-226-1764 www.ifasbooks.ufl.edu
Seed Treatment	General Standards (CORE)	Applying Pesticides Correctly SM 001	UF/IFAS Extension Bookstore 1-800-226-1764 www.ifasbooks.ufl.edu
	Seed Treatment	Seed Treatment A Guide for Commercial Applicators	UF/ IFAS Pesticide Information Office (352) 392-4721
Sewer Root Control	Sewer Root Control	Sewer Line Root Control Pesticide Applicator Training Manual	Cornell University (607) 255-7282 http://pmep.cce.cornell.edu
Soil & Greenhouse Fumigation	General Standards (CORE)	Applying Pesticides Correctly SM 001	UF/IFAS Extension Bookstore 1-800-226-1764 www.ifasbooks.ufl.edu
	Soil Fumigation	Soil Fumigation SM 061	UF/IFAS Extension Bookstore 1-800-226-1764 www.ifasbooks.ufl.edu
Wood Treatment	General Standards (CORE)	Applying Pesticides Correctly SM 001	UF/IFAS Extension Bookstore 1-800-226-1764 www.ifasbooks.ufl.edu
	Wood Treatment	The Preservation of Wood SM 032	UF/IFAS Extension Bookstore 1-800-226-1764 www.ifasbooks.ufl.edu
WPS Crop Advisor Exemption	WPS Crop Advisor	Crop Advisor SM 054	UF/IFAS Extension Bookstore 1-800-226-1764 www.ifasbooks.ufl.edu

**Table 6. CATEGORIES, EXAMS & STUDY MANUALS FOR
CERTIFICATIONS ISSUED BY THE BUREAU OF ENTOMOLOGY & PEST CONTROL
Pest Control Section (Chapter 482 F.S.)**

CATEGORY	EXAMS REQUIRED	STUDY MANUALS/ REFERENCE MATERIALS	SOURCE
Pest Control Operator General Household Pests (GHP)	General Household Pest Control	Chapter 482 F.S. The Structural Pest Control Act	FDACS Bureau of Entomology & Pest Control (850) 921-4177 www.flaes.org
		Chapter 5E-14, F.A.C. Rules of the Dept. of Agriculture & Consumer Services	FDACS Bureau of Entomology & Pest Control (850) 921-4177 www.flaes.org
		Applying Pesticides Correctly SM 001	UF/IFAS Extension Bookstore 1-800-226-1764 www.ifasbooks.ufl.edu
		Handbook of Pest Control 9th edition Editor, Arnold Mallis	Mallis Handbook & Technical Training Co. 1-800-456-0707
		As of December 2005 Exam: Pests In And Around The Florida Home, 3rd Edition UF/IFAS Extension Bookstore 1-800-226-1764 www.ifasbooks.ufl.edu	Contact suppliers of pesticide products and safety equipment
Pest Control Operator Termites & Other Wood Destroying Organisms (WDO)	Termites & Other Wood Destroying Organisms Control	Chapter 482 F.S. The Structural Pest Control Act	FDACS Bureau of Entomology & Pest Control (850) 921-4177 www.flaes.org
		Chapter 5E-14, F.A.C. Rules of the Dept. of Agriculture & Consumer Services	FDACS Bureau of Entomology & Pest Control (850) 921-4177 www.flaes.org
		Applying Pesticides Correctly SM 001	UF/IFAS Extension Bookstore 1-800-226-1764 www.ifasbooks.ufl.edu
		Handbook of Pest Control 9th edition Editor, Arnold Mallis	Mallis Handbook & Technical Training Co. 1-800-456-0707
		1. Termites In Florida - A Guide For Homeowners & Building Professionals - SP290 2. Construction Terms - FDACS Bureau of Entomology & Pest Control	Contact suppliers of pesticide products and safety equipment

**Table 6. CATEGORIES, EXAMS & STUDY MANUALS FOR
CERTIFICATIONS ISSUED BY THE BUREAU OF ENTOMOLOGY & PEST CONTROL
Pest Control Section (Chapter 482 F.S.)**

CATEGORY	EXAMS REQUIRED	STUDY MANUALS/ REFERENCE MATERIALS	SOURCE
Pest Control Operator Lawn & Ornamental (L&O)	Lawn & Ornamental	Chapter 482 F.S. The Structural Pest Control Act	FDACS Bureau of Entomology & Pest Control (850) 921-4177 www.flaes.org
		Chapter 5E-14, F.A.C. Rules of the Dept. of Agriculture & Consumer Services	FDACS Bureau of Entomology & Pest Control (850) 921-4177 www.flaes.org
		Applying Pesticides Correctly SM 001	UF/IFAS Extension Bookstore 1-800-226-1764 www.ifasbooks.ufl.edu
		Ornamental & Turfgrass Pest Management – SM 007	UF/IFAS Extension Bookstore 1-800-226-1764 www.ifasbooks.ufl.edu
		Florida Lawn Handbook SP 045	UF/IFAS Extension Bookstore 1-800-226-1764 www.ifasbooks.ufl.edu
		Imported Fire Ants On Lawns & Turf Fact Sheet ENY-226	Any County Extension Office Or may be downloaded at: http://edis.ifas.ufl.edu/LH059
Pest Control Operator Structural Fumigation	Fumigation	Chapter 482 F.S. The Structural Pest Control Act	FDACS Bureau of Entomology & Pest Control (850) 921-4177 www.flaes.org
		Chapter 5E-14, F.A.C. Rules of the Dept. of Agriculture & Consumer Services	FDACS Bureau of Entomology & Pest Control (850) 921-4177 www.flaes.org
		Applying Pesticides Correctly SM 001	UF/IFAS Extension Bookstore 1-800-226-1764 www.ifasbooks.ufl.edu
		Handbook of Pest Control 9th edition Editor, Arnold Mallis	Mallis Handbook & Technical Training Co. 1-800-456-0707
		2005 Florida Fumigation Manual, SP 340 UF/IFAS Extension Bookstore 1-800-226-1764 www.ifasbooks.ufl.edu	Contact the suppliers of fumigant products and safety equipment

**Table 6. CATEGORIES, EXAMS & STUDY MANUALS FOR
CERTIFICATIONS ISSUED BY THE BUREAU OF ENTOMOLOGY & PEST CONTROL
Pest Control Section (Chapter 482 F.S.)**

CATEGORY	EXAMS REQUIRED	STUDY MANUALS/ REFERENCE MATERIALS	SOURCE
Special Identification Card Fumigation	Special Identification Card Fumigation	Chapter 482 F.S. The Structural Pest Control Act	FDACS Bureau of Entomology & Pest Control (850) 921-4177 www.flaes.org
		Chapter 5E-14, F.A.C. Rules of the Dept. of Agriculture & Consumer Services	FDACS Bureau of Entomology & Pest Control (850) 921-4177 www.flaes.org
		Applying Pesticides Correctly SM 001	UF/IFAS Extension Bookstore 1-800-226-1764 www.ifasbooks.ufl.edu
		Handbook of Pest Control 9th edition Editor, Arnold Mallis	Mallis Handbook & Technical Training Co. 1-800-456-0707
		2005 Florida Fumigation Manual, SP 340 UF/IFAS Extension Bookstore 1-800-226-1764 www.ifasbooks.ufl.edu	Contact the suppliers of fumigant products and safety equipment
Limited Structural Pest Control	Limited Certification Structural Pest Control	Chapter 482 F.S. The Structural Pest Control Act	FDACS Bureau of Entomology & Pest Control (850) 921-4177 www.flaes.org
		Chapter 5E-14, F.A.C. Rules of the Dept. of Agriculture & Consumer Services	FDACS Bureau of Entomology & Pest Control (850) 921-4177 www.flaes.org
		Applying Pesticides Correctly SM 001	UF/IFAS Extension Bookstore 1-800-226-1764 www.ifasbooks.ufl.edu
		General Household Pest Control – SM 047	UF/IFAS Extension Bookstore 1-800-226-1764 www.ifasbooks.ufl.edu
		For questions concerning labels, a label will be included for reference during exam	Contact suppliers of pesticide products for sample labels

**Table 6. CATEGORIES, EXAMS & STUDY MANUALS FOR
CERTIFICATIONS ISSUED BY THE BUREAU OF ENTOMOLOGY & PEST CONTROL
Pest Control Section (Chapter 482 F.S.)**

CATEGORY	EXAMS REQUIRED	STUDY MANUALS/ REFERENCE MATERIALS	SOURCE
Limited Lawn & Ornamental (Limited L&O)	Limited Certification Lawn & Ornamental	Chapter 482 F.S. The Structural Pest Control Act	FDACS Bureau of Entomology & Pest Control (850) 921-4177 www.flaes.org
		Chapter 5E-14, F.A.C., Rules of the Dept. of Agriculture and Consumer Services	FDACS Bureau of Entomology & Pest Control (850) 921-4177 www.flaes.org
		Applying Pesticides Correctly SM 001	UF/IFAS Extension Bookstore 1-800-226-1764 www.ifasbooks.ufl.edu
		Ornamental & Turf Pest Control SM 007	UF/IFAS Extension Bookstore 1-800-226-1764 www.ifasbooks.ufl.edu
		For questions concerning labels, a label will be included for reference during exam	Contact suppliers of pesticide products for sample labels
Limited Commercial Landscape Maintenance	Limited Commercial Landscape Maintenance	Chapter 482 F.S. The Structural Pest Control Act	FDACS Bureau of Entomology & Pest Control (850) 921-4177 www.flaes.org
		Chapter 5E-14, F.A.C. Rules of the Dept. of Agriculture & Consumer Services	FDACS Bureau of Entomology & Pest Control (850) 921-4177 www.flaes.org
		Applying Pesticides Correctly SM 001	UF/IFAS Extension Bookstore 1-800-226-1764 www.ifasbooks.ufl.edu
		Ornamental & Turf Pest Control – SM 007	UF/IFAS Extension Bookstore 1-800-226-1764 www.ifasbooks.ufl.edu
		For questions concerning labels, a label will be included for reference during exam	Contact suppliers of pesticide products for sample labels

**Table 7. CATEGORIES, EXAMS & STUDY MANUALS FOR
LICENSES & CERTIFICATIONS ISSUED BY THE BUREAU OF ENTOMOLOGY & PEST CONTROL
Mosquito Control Section (Chapter 388 F.S.)**

CATEGORY	EXAMS REQUIRED	STUDY MANUALS/ REFERENCE MATERIALS	SOURCE
Public Health	General Standards (Core)	Applying Pesticides Correctly SM 001	UF/IFAS Extension Bookstore 1-800-226-1764 www.ifasbooks.ufl.edu
	Public Health	Public Health Manual	Bureau of Entomology & Pest Control (850) 922-7011 www.flaes.org
		Chapter 388 F.S. - Mosquito Control Chapter 5E-13 FAC-Rules of FDACS Mosquito Control Program Administration	Bureau of Entomology & Pest Control (850) 922-7011 www.flaes.org
Advanced Public Health	Advanced Public Health	Public Health Manual	Bureau of Entomology & Pest Control (850) 922-7011 www.flaes.org
		Chapter 388 F.S. - Mosquito Control Chapter 5E-13 FAC-Rules of FDACS Mosquito Control Program Administration	Bureau of Entomology & Pest Control (850) 922-7011 www.flaes.org
Public Health Aerial	General Standards (Core)	Applying Pesticides Correctly SM 001	UF/IFAS Extension Bookstore 1-800-226-1764 www.ifasbooks.ufl.edu
	Aerial	Aerial Application SM 41	UF/IFAS Extension Bookstore 1-800-226-1764 www.ifasbooks.ufl.edu
	Public Health	Public Health Manual	Bureau of Entomology & Pest Control (850) 922-7011 www.flaes.org
		Chapter 388 F.S. - Mosquito Control Chapter 5E-13 FAC-Rules of FDACS Mosquito Control Program Administration	Bureau of Entomology & Pest Control (850) 922-7011 www.flaes.org
Public Health Director	Public Health Director Exam	Public Health Manual	Bureau of Entomology & Pest Control (850) 922-7011 www.flaes.org
		Florida Mosquito Control Handbook	Florida Mosquito Control Association (FMCA) (239) 433-5684 or (239) 694-2174
		Chapter 388 F.S. - Mosquito Control Chapter 5E-13 FAC-Rules of FDACS Mosquito Control Program Administration	Bureau of Entomology & Pest Control (850) 922-7011 www.flaes.org

Table 8. RECIPROCAL CERTIFICATIONS ALLOWED BY LICENSE TYPE & CATEGORY under Chapters 487 and 388 F.S.

LICENSE TYPE	CATEGORY	ALABAMA	GEORGIA	NORTH CAROLINA	SOUTH CAROLINA	MISSISSIPPI	INDIANA
Commercial or Public RUP* License (Chapter 487)	Aerial	yes	yes	no	yes	yes	no
	Ag Animal	yes	yes	yes	yes	yes	no
	Ag Plant / Ag Row Crop	yes / Ag Plant	yes / Ag Plant	yes / Ag Plant	yes / Ag Plant	yes / Ag Row Crop	yes / Ag Plant
	Aquatic	yes	yes	yes	yes	yes	yes
	Demonstration & Research	yes	yes	yes	yes	yes	no
	Forest	yes	yes	yes	yes	yes	yes
	Organotin Antifouling Paint	no	yes	yes	yes	yes	no
	Ornamental & Turf	yes	yes	yes	yes	yes	no
	Regulatory Pest Control	yes	yes	yes	yes	yes	no
	Right-of-Way	yes	yes	yes	yes	yes	yes
	Seed Treatment	yes	yes	yes	yes	yes	yes
	Soil & Greenhouse Fumigation	no	no	yes	no	no	no
Wood Treatment	no	yes	yes	yes	yes	no	
Private RUP* License (Chapter 487)	Private Applicator Agriculture	no	no	yes	no	no	no
Public Health Pest Control License (Chapter 388)	Public Health	yes	yes	no	no	no	no
Public Health Pest Control License/Aerial (Chapter 388)	Aerial	yes	yes	no	no	no	no

* RUP = restricted use pesticide

NOTE: Reciprocal Certification with other states and categories may be allowed for RUP licensing on a case-by-case basis.

Table 9. TRAINING & EXAM SITES OPERATED BY THE FLORIDA COOPERATIVE EXTENSION SERVICE (Revised 6/30/06)

This information is updated regularly on the UF/IFAS web site: <http://extadmin.ifas.ufl.edu/Extlinks.htm>

<p>ALACHUA County Extension Office 2800 NE 39th Avenue Gainesville, FL 32609-2658 Phone 352-955-2402 Fax 352-334-0122</p>	<p>DESOTO County Extension Office 2150 NE Roan Avenue Arcadia, FL 34266 Phone 863-993-4846 Fax 863-993-4849</p>	<p>HENDRY County Extension Office P.O. Box 68 LaBelle, FL 33975-0068 Phone 863-674-4092 Fax 863-674-4098</p>
<p>BAKER County Extension Office Route 3 Box 1074-B MacClenny, FL 32063-9640 Phone 904-259-3520 Fax 904-259-9034</p>	<p>DIXIE County Extension Office PO Box 640 Cross City, FL 32628 Phone 352-498-1237 Fax 352-498-1471</p>	<p>HERNANDO County Extension Office 19490 Oliver Street Brooksville, FL 34601-6538 Phone 352-754-4433 Fax 352-754-4489</p>
<p>BAY County Extension Office 647 Jenks Avenue, Suite A Panama City, FL 32401-2616 Phone 850-784-6105 Fax 850-784-6107</p>	<p>DUVAL County Extension Office 1010 N McDuff Avenue Jacksonville, 32254-2083 Phone 904-387-8850 Fax 904-387-8902</p>	<p>HIGHLANDS County Extension Office 4509 West George Blvd. Sebring, FL 33872 Phone 863-402-6540 Fax 863-402-6544</p>
<p>BRADFORD County Extension Office 2266 N. Temple Avenue Starke, FL 32091-1612 Phone 904-966-6224 Fax 904-964-9283</p>	<p>ESCAMBIA County Extension Office 3740 Stefani Road Cantonment, FL 32533-7792 Phone 850-475-5230 Fax 850-477-5233</p>	<p>HILLSBOROUGH County Extension Office 5339 County Road 579 South Seffner, FL 33584-3334 Phone 813-744-5519 Fax 813-744-5776</p>
<p>BREVARD County Extension Office 3695 Lake Drive Cocoa, FL 32926-4251 Phone 321-633-1702 Fax 321-633-1890</p>	<p>FLAGLER County Extension Office 150 Sawgrass Road Bunnell, FL 32110 Phone 386-437-7464 Fax 386-586-2102</p>	<p>HOLMES County Ext. Office 201 N Oklahoma Street - Suite 203 Bonifay, FL 32425-2295 Phone 850-547-1108 Fax 850-547-7433</p>
<p>BROWARD County Extension Office 3245 College Avenue Davie, FL 33314-7798 Phone 954-370-3725 Fax 954-370-3737</p>	<p>FRANKLIN County Extension Office 66 4th Street Apalachicola, FL 32320 Phone 850-653-9337 Fax 850-653-9447</p>	<p>INDIAN RIVER County Extension Office 1028 20th Place - Suite D Vero Beach, FL 32960-5360 Phone 772-770-5030 Fax 772-770-5148</p>
<p>CALHOUN County Extension Office 20816 Central Avenue E, Suite 1 Blountstown, FL 32424-2206 Phone 850-674-8323 Fax 850-674-8353</p>	<p>GADSDEN County Extension Office 2140 W. Jefferson Street Quincy, FL 32351-1905 Phone 850-875-7255 Fax 850-875-7257</p>	<p>JACKSON County Extension Office 2741 Pennsylvania Avenue - Suite 3 Marianna, FL 32448 Phone 850-482-9620 Fax 850-482-9287</p>
<p>CHARLOTTE County Extension Office 25550 Harbor View Road, Suite 3 Port Charlotte, FL 33980 Phone 941-764-4340 Fax 941-764-4343</p>	<p>GILCHRIST County Extension Office PO Box 157 Trenton, FL 32693 Phone 352-463-3174 Fax 352-463-3197</p>	<p>JEFFERSON County Extension Office 275 North Mulberry Street Monticello, FL 32344-2249 Phone 850-342-0187 Fax 850-342-0225</p>
<p>CITRUS County Extension Office 3650 W Sovereign Path - Suite 1 Lecanto, FL 34461 Phone 352-527-5700 Fax 352-527-5748</p>	<p>GLADES County Extension Office PO Box 549 Moore Haven, FL 33471 Phone 863-946-0244 Fax 863-946-0629</p>	<p>LAFAYETTE County Extension Office Route 3 Box 15 Mayo, FL 32066 Phone 386-294-1279 Fax 386-294-2016</p>
<p>CLAY County Extension Office 2463 State Road 16 West Green Cove Springs, FL 32043-0278 Phone 904-284-6355 Fax 904-529-9776</p>	<p>GULF County Extension Office 200 East 2nd Street (PO Box 250) Wewahitchka, FL 32465 Phone 850-639-3200 Fax 850-639-3201</p>	<p>LAKE County Extension Office 30205 State Road 19 Tavares, FL 32778-4052 Phone 352-343-4101 Fax 352-343-2767</p>
<p>COLLIER County Extension Office 14700 Immokalee Road Naples, FL 34120-1468 Phone 239-353-4244 (SC 974-5098) Fax 239-353-7127</p>	<p>HAMILTON County Extension Office 1143 US Highway 41 NW Jasper, FL 32052 Phone 386-792-1276 Fax 386-792-6446</p>	<p>LEE County Extension Office 3406 Palm Beach Blvd. Ft. Myers, FL 33916-3719 Phone 239-461-7510 Fax 239-461-7501</p>
<p>COLUMBIA County Extension Office PO Box 1587 Lake City, FL 32056 Phone 386-752-5384 Fax 386-758-2173</p>	<p>HARDEE County Extension Office 507 Civic Center Drive Wauchula, FL 33873-9460 Phone 863-773-2164 Fax 863-773-6861</p>	<p>LEON County Extension Office 615 Paul Russell Road Tallahassee, FL 32301-7099 Phone 850-606-5200 Fax 850-606-5201</p>

Table 9. TRAINING & EXAM SITES OPERATED BY THE FLORIDA COOPERATIVE EXTENSION SERVICE (Revised 6/30/06)

<p>LEVY County Extension Office 625 N. Hathaway Avenue (PO Box 219) Bronson, FL 32621 Phone 352-486-5131 Fax 352-486-5481</p>	<p>ORANGE County Extension Office 2350 E Michigan Street Orlando, FL 32806-4939 Phone 407-836-7570 Fax 407-836-7578</p>	<p>ST. LUCIE County Extension Office 8400 Picos Road - Suite 101 Ft. Pierce, FL 34945-3045 Phone 772-462-1660 Fax 772-462-1510</p>
<p>LIBERTY County Extension Office 10405 NW Theo Jacobs Way Bristol, FL 32321-0368 Phone 850-643-2229 Fax 850-643-3584</p>	<p>OSCEOLA County Extension Office 1921 Kissimmee Valley Lane Kissimmee, FL 34744-8947 Phone 321-697-3000 Fax 321-697-3010</p>	<p>SUMTER County Extension Office 7620 Sate Rd 471 - Suite 2 Bushnell, FL 33513 Phone 352-793-2728 Fax 352-793-6376</p>
<p>MADISON County Extension Office 902 College Drive Madison, FL 32340-1426 Phone 850-973-4138 Fax 850-973-2000</p>	<p>PALM BEACH County Extension Office 559 N. Military Trail West Palm Beach, FL 33415-1311 Phone 561-233-1712 Fax 561-233-1768</p>	<p>SUWANNEE County Extension Office 1302 11th Street SW Live Oak, Florida 32060-3696 Phone 386-362-2771 Fax 386-364-1698</p>
<p>MANATEE County Extension Office 1303 17th Street West Palmetto, FL 34221-2998 Phone 941-722-4524 Fax 941-721-6608</p>	<p>PASCO County Extension Office 36702 State Road 52 Dade City, FL 33525-5198 Phone 352-521-4288 Fax 352-523-1921</p>	<p>TAYLOR County Extension Office 203 Forest Park Drive Perry, FL 32347-6396 Phone 850-838-3508 Fax 850-838-3546</p>
<p>MARION County Extension Office 2232 N.E. Jacksonville Road Ocala, FL 34470-3615 Phone 352-620-3440 Fax 352-401-5329</p>	<p>PINELLAS County Extension Office 12520 Ulmertown Road Largo, FL 33774-3695 Phone 727-582-2100 Fax 727-582-2200</p>	<p>UNION County Extension Office 25 NE 1st Street Lake Butler, FL 32054-1701 Phone 386-496-2321 Fax 386-496-1111</p>
<p>MARTIN County Extension Office 2614 SE Dixie Highway Stuart, FL 34996 Phone 772-288-5654 Fax 772-288-4354</p>	<p>POLK County Agricultural Center 1702 Hwy 17 South Bartow, FL 33830 Phone 863-519-8677 Fax 863-534-0001</p>	<p>VOLUSIA County Extension Office 3100 E New York Ave DeLand, FL 32724-6497 Phone 386-822-5778 Fax 386-822-5767</p>
<p>MIAMI-DADE Cooperative Extension Agricultural Center 18710 SW 288 Street Homestead, FL 33030-2309 Phone 305-248-3311 Fax 305-246-2932 (3 other office locations also available)</p>	<p>PUTNAM County Extension Office 111 Yelvington Road - Suite 1 East Palatka, FL 32583 Phone 386-329-0318 Fax 386-329-1262</p>	<p>WAKULLA County Extension Office 84 Cedar Avenue Crawfordville, FL 32327-2063 Phone 850-926-3931 Fax 850-926-8789</p>
<p>MONROE County Extension Office 1100 Simonton Street (Room 2-260) Key West, FL 33040-4364 Phone 305-292-4501 Fax 305-292-4415</p>	<p>SANTA ROSA County Extension Office 6263 Dogwood Dr Milton, FL 32570 Phone 850-623-3868 Fax 850-623-6151</p>	<p>WALTON County Extension Office 732 N 9th Street - Suite B DeFuniak Springs, FL 32433-3804 Phone 850-892-8172 Fax 850-892-8443</p>
<p>NASSAU County Extension Office 543350 US Highway 1 Callahan, FL 32011 Phone 904-879-1019 Fax 904-879-2097</p>	<p>SARASOTA County Extension Office 6700 Clark Road Sarasota, FL 34241 Phone 941-861-5000 Fax 941-861-9886</p>	<p>WASHINGTON County Extension Office 1424 Jackson Avenue - Suite A Chipley, FL 32428 Phone 850-638-6180 Fax 850-638-6181</p>
<p>OKALOOSA County Extension Office 5479 Old Bethel Road Crestview, FL 32536-5512 Phone 850-689-5850 Fax 850-689-5727</p>	<p>SEMINOLE County Extension Office 250 W. County Home Road Sanford, FL 32773-6197 Phone 407-665-5556 Fax 407-665-5563</p>	
<p>OKEECHOBEE County Extension Office 458 Highway 98 North Okeechobee, FL 34972-2303 Phone 863-763-6469 Fax 863-763-6745</p>	<p>ST. JOHNS County Extension Office 3125 Agriculture Center Drive St. Augustine, FL 32092-0572 Phone 904-209-0430 Fax 904-209-0431</p>	<p>SEMINOLE TRIBE Brighton Indian Reservation Rt 6 Box 767 Okeechobee, FL 34974 Phone 863-763-5020 - ext 115 e-mail: YKudo@ifas.ufl.edu</p>

Check with each office to find out the current training classes and exams being offered.

Table 10. PESTICIDE CERTIFICATION EXAMS OFFERED BY COUNTY EXTENSION OFFICES (Revised 3/21/2006)

Counties	CORE	AER	AGA	AGR	AGT	TBT	AQU	CHL	D&R	FOR	NWM	O&T	PVT	RCF	RIS	REG	ROW	SDT	SWR	SGF	WDT	LCLM	LL&O	LS	PH	CAE	
Alachua	▲	▲	▲	▲	▲		▲		▲	▲	▲	▲	▲	▲			▲	▲		▲	▲	▲	▲		▲	▲	
Baker	▲												▲										▲	▲	▲	▲	▲
Bay	▲	▲	▲	▲	▲		▲		▲	▲	▲	▲	▲				▲	▲					▲	▲		▲	▲
Bradford																											▲
Brevard	▲	▲	▲	▲	▲	▲	▲		▲	▲	▲	▲	▲	▲			▲	▲		▲	▲	▲	▲	▲		▲	▲
Broward	▲	▲		▲	▲	▲	▲			▲	▲	▲	▲				▲			▲	▲	▲	▲	▲			▲
Calhoun																											▲
Charlotte	▲	▲		▲	▲	▲	▲		▲	▲	▲	▲	▲				▲			▲		▲	▲			▲	▲
Citrus																											▲
Clay	▲						▲			▲	▲	▲	▲				▲						▲	▲		▲	▲
Collier	▲	▲	▲	▲	▲	▲	▲			▲	▲	▲	▲				▲			▲			▲	▲		▲	▲
Columbia	▲	▲	▲	▲	▲	▲	▲		▲	▲	▲	▲	▲	▲			▲	▲		▲	▲	▲	▲	▲	▲	▲	▲
Desoto	▲	▲	▲	▲	▲	▲	▲		▲	▲	▲	▲	▲	▲			▲	▲		▲	▲	▲	▲	▲	▲	▲	▲
Dixie	▲												▲													▲	▲
Duval	▲	▲	▲	▲	▲	▲	▲		▲	▲	▲	▲	▲	▲			▲	▲		▲	▲	▲	▲	▲		▲	▲
Escambia	▲	▲		▲			▲				▲	▲		▲			▲						▲	▲		▲	▲
Flagler	▲	▲	▲	▲		▲	▲			▲	▲	▲	▲				▲			▲	▲	▲	▲	▲	▲	▲	▲
Franklin	▲					▲	▲			▲	▲	▲											▲	▲			▲
Gadsden	▲			▲					▲				▲														▲
Gilchrist	▲			▲			▲			▲		▲					▲										▲
Glades	▲	▲		▲	▲	▲	▲				▲	▲	▲				▲			▲	▲						▲
Gulf																											▲
Hamilton	▲			▲			▲		▲	▲	▲	▲	▲				▲	▲					▲	▲		▲	▲
Hardee	▲			▲	▲								▲									▲	▲	▲		▲	▲
Hendry	▲	▲		▲	▲		▲		▲	▲	▲	▲	▲				▲									▲	▲
Hernando	▲				▲	▲				▲	▲	▲	▲				▲						▲			▲	▲
Highlands																											▲
Hillsborough	▲	▲	▲	▲	▲	▲	▲		▲	▲	▲	▲	▲	▲			▲			▲	▲	▲	▲	▲	▲	▲	▲
Holmes	▲								▲	▲	▲	▲	▲				▲					▲	▲	▲	▲	▲	▲
Indian River	▲	▲		▲	▲	▲	▲		▲	▲	▲	▲	▲	▲			▲	▲		▲	▲	▲	▲	▲	▲	▲	▲
Jackson	▲	▲	▲	▲	▲	▲	▲		▲	▲	▲	▲	▲	▲			▲	▲		▲	▲	▲	▲	▲	▲	▲	▲
Jefferson	▲												▲										▲	▲			▲
Lafayette	▲												▲										▲	▲		▲	▲

CORE = General Standards
 AER = Aerial Application - Ag
 AGA = Ag Animal Pest Control
 AGR = Ag Row Crop Pest Control
 AGT = Ag Tree Crop Pest Control
 TBT = Anti-fouling Paint Application (Organotin)
 AQU = Aquatic Pest Control
 CHL = Chlorine Gas Infusion
 D&R = Demonstration & Research

FOR = Forestry Pest Control
 NWM = Natural Areas Weed Management
 O&T = Ornamental & Turf Pest Control
 PVT = Private Applicator Ag Pest Control
 RCF = Raw Ag Commodity Fumigation
 RIS = Regulatory Inspection & Sampling
 REG = Regulatory Pest Control
 ROW = Right of Way Pest Control
 SDT = Seed Treatment

SWR = Sewer Root Control
 SGF = Soil & Greenhouse Fumigation
 WDT = Wood Treatment
 LCLM = Limited Certification Commercial Landscape Maintenance
 LL&O = Limited Certification Lawn & Ornamental
 LS = Limited Certification Structural Pest Control
 PH = Public Health Pest Control
 CAE = Crop Advisor Exemption

Table 10. PESTICIDE CERTIFICATION EXAMS OFFERED BY COUNTY EXTENSION OFFICES (Revised 3/21/2006)

Counties	CORE	AER	AGA	AGR	AGT	TBT	AQU	CHL	D&R	FOR	NWM	O&T	PVT	RCF	RIS	REG	ROW	SDT	SWR	SGF	WDT	LCLM	LL&O	LS	PH	CAE
Lake	▲	▲	▲	▲	▲	▲	▲		▲	▲	▲	▲	▲	▲			▲	▲		▲	▲	▲	▲		▲	▲
Lee	▲	▲		▲	▲	▲	▲		▲	▲	▲	▲	▲				▲			▲	▲	▲	▲		▲	▲
Leon	▲	▲	▲	▲		▲	▲			▲	▲	▲	▲	▲			▲	▲		▲	▲	▲	▲		▲	▲
Levy	▲												▲													▲
Liberty																										▲
Madison	▲	▲	▲	▲	▲	▲	▲		▲	▲	▲	▲	▲	▲			▲	▲		▲	▲	▲	▲		▲	▲
Manatee	▲	▲	▲	▲	▲	▲	▲		▲	▲	▲	▲	▲	▲			▲	▲		▲	▲	▲	▲	▲	▲	▲
Marion																										▲
Martin	▲				▲	▲	▲				▲	▲	▲				▲						▲	▲	▲	▲
Miami-Dade	▲	▲	▲	▲	▲	▲	▲		▲	▲	▲	▲	▲	▲		▲	▲	▲		▲	▲	▲	▲	▲	▲	▲
Monroe	▲	▲					▲			▲	▲	▲	▲				▲						▲	▲	▲	▲
Nassau	▲											▲	▲				▲						▲	▲		▲
Okaloosa	▲											▲											▲	▲		▲
Okeechobee	▲	▲	▲	▲	▲		▲				▲	▲					▲						▲	▲		▲
Orange	▲	▲	▲	▲	▲	▲	▲		▲	▲	▲	▲	▲	▲			▲	▲		▲	▲	▲	▲	▲	▲	▲
Osceola	▲	▲			▲		▲			▲	▲	▲	▲				▲						▲	▲		▲
Palm Beach	▲	▲	▲	▲	▲	▲	▲		▲	▲	▲	▲	▲	▲			▲	▲		▲	▲	▲	▲	▲	▲	▲
Pasco	▲	▲		▲	▲		▲		▲	▲	▲	▲	▲				▲			▲	▲	▲	▲	▲		▲
Pinellas	▲	▲				▲	▲			▲	▲	▲	▲				▲			▲	▲	▲			▲	▲
Polk	▲	▲	▲	▲	▲	▲	▲		▲	▲	▲	▲	▲	▲			▲	▲		▲	▲	▲	▲	▲	▲	▲
Putnam																										▲
Santa Rosa	▲	▲	▲	▲	▲	▲	▲		▲	▲	▲	▲	▲	▲			▲	▲		▲	▲	▲	▲	▲	▲	▲
Sarasota	▲	▲	▲	▲	▲	▲	▲		▲	▲	▲	▲	▲				▲			▲	▲	▲	▲	▲	▲	▲
Seminole	▲	▲	▲	▲	▲	▲	▲		▲	▲	▲	▲	▲	▲			▲			▲		▲	▲		▲	▲
St. Johns	▲	▲	▲	▲	▲	▲	▲		▲	▲	▲	▲	▲				▲	▲		▲	▲	▲	▲	▲	▲	▲
St. Lucie	▲	▲	▲	▲	▲	▲	▲		▲	▲	▲	▲	▲				▲			▲	▲	▲	▲	▲	▲	▲
Sumter																										▲
Suwannee																										▲
Taylor	▲	▲					▲			▲	▲		▲				▲								▲	▲
Union	▲	▲								▲							▲				▲			▲	▲	▲
Volusia	▲	▲	▲	▲	▲	▲	▲		▲	▲	▲	▲	▲	▲			▲				▲	▲	▲	▲	▲	▲
Wakulla	▲					▲							▲										▲	▲		▲
Walton																										▲
Washington	▲												▲													▲

CORE = General Standards

AER = Aerial Application - Ag

AGA = Ag Animal Pest Control

AGR = Ag Row Crop Pest Control

AGT = Ag Tree Crop Pest Control

TBT = Anti-fouling Paint Application (Organotin)

AQU = Aquatic Pest Control

CHL = Chlorine Gas Infusion

D&R = Demonstration & Research

FOR = Forestry Pest Control

NWM = Natural Areas Weed Management

O&T = Ornamental & Turf Pest Control

PVT = Private Applicator Ag Pest Control

RCF = Raw Ag Commodity Fumigation

RIS = Regulatory Inspection & Sampling

REG = Regulatory Pest Control

ROW = Right of Way Pest Control

SDT = Seed Treatment

SWR = Sewer Root Control

SGF = Soil & Greenhouse Fumigation

WDT = Wood Treatment

LCLM = Limited Certification Commercial Landscape Maintenance

LL&O = Limited Certification Lawn & Ornamental

LS = Limited Certification Structural Pest Control

PH = Public Health Pest Control

CAE = Crop Advisor Exemption