



Connecticut
Department of Energy &
Environmental Protection

Pesticide Management Program

Supervisor Refresher Training

January 2025

Agenda

Welcome

Pesticide Management Program Introductions

Exam, Certification, Business Registration Discussion (Amanda)

State Certification Plan/FIFRA Revisions (Diane/Zach)

Frequent Compliance/Enforcement Issues

Complaints

Violations

Refresher & FIFRA Revisions

- Abutter Registry/Prenotification
- Posting
- Supervisory Written Instructions
- Record Keeping
- Sub-contracting/Absentee Supervision
- RU Purchases
- Junior Operator Training Requirements
- Pesticide Storage & Disposal

Pesticide Program Staff Introductions

- Program Supervisor
 - **Diane Jorsey**, Supervisor – diane.jorsey@ct.gov
 - (860) 424-3328
- eLicense, Certification & Enforcement
 - **Zach Donais** – Zachary.Donais@ct.gov
 - (860) 424-3326

Pesticide Program Staff Introductions

- Certification, Business Registrations, Approval of CEU's, eLicense
 - **Amanda** – amanda.varhol@ct.gov
 - (860) 424-3402
- Aquatic Permitting/Pesticide Registration/EZFile
 - **Ellie Clark** – Elizabeth.A.Clark@ct.gov
 - (860) 424-3398

Pesticide Program Staff Introductions

- Inspectors
 - **Wendy Martel** – Wendy.Martel@ct.gov
 - (860) 874-2945 or (860) 424-3444
 - **Adam Pakalnis** – Adam.Pakalnis@ct.gov
 - (860) 424-3287 or (860) 748-7880
 - **Richard Beres** – richard.beres@ct.gov
 - (860) 424-3443 or (475) 489-0723

**Exams, Certification
And
Business Registration Review**

Exam, Certification, Business Registration

- Exam process/Everblue
- Who Should be Certified
- Renewal Requirements – credits, use summaries
- Business registration requirements
- Exemptions

Exam process

- Written exams are administered online through Everblue
- Information on application/exam process can be found at www.ct.gov/deep/pesticides
- Applicants need to complete the process (application through exam) within 90 days
- New certification
 - www.Elicense.ct.gov
- Adding a Category to a preexisting Supervisory License
 - Online Services > License maintenance > Add Category

Everblue

- Everblue is the vendor contracted to administer the exam (800) 460-2575
- Contact them for:
 - Login information / password resets
 - Exam payment receipts
 - System diagnostic issues
- Contact the CT DEEP for:
 - Approval letters
 - Exam results

Who Should be Certified?

- Commercial work (Including applications of 25b Products)
- Restricted use pesticides
- Arboriculture
- Junior Operator vs Supervisor

Supervisor Renewal Requirements

- 12 continuing education credits PER CATEGORY
 - Core vs category specific
 - Each credit only used 1x
 - Obtained within 5 year certification period 2/1/xx (year of certification) – 1/31/xx (year of expiration)
- Last 5 years of pesticide use summaries (if not already uploaded)
 - Renewing THIS YEAR requires Use Summaries going back to 2019

Business Registration Requirements

- **Soliciting to perform, arranging for contracts, sub-contracting**
- At least 1 certified Supervisor PER Category
- Renew annually by August 31st, \$240
 - \$5,000 a day fine for operating without a business registration

Fee Exemptions

- Business fee exemption
 - Single applicator
 - NO Arborist exemption
- Supervisory/operator fee exemption
 - Governmental/municipal employee
 - NO Arborist exemption
- Switching from Governmental to Commercial license removes fee exemption
 - Supervisors required to take oral

eLicense

- Enables online fee payments
- Online access to view/update individual certification and business registration records
- Verify pesticide product registration/classification
 - Generate rosters of RU and 25b Pesticides
- Look-up/verify business registrations
- Rosters of licensees
 - Supervisor
 - Operator



[Pesticide Management Program](#) >

[Commercial Operator](#) >

[Commercial Supervisor](#) >

[Private Applicator](#) >

[Arborist License](#) >

[Pesticide Application Business Registration](#) >

[Pesticide Forms](#) >

[Continuing Education and Resources](#) >

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Search Department of Energy & Environmental Protection

by Keyword



Information Look-up

- [How to generate a roster](#)
- [How to search for a single registration or certification](#)
- [How to download a pesticide use summary/ restricted use report](#)
- **Kelly Registration** - Search for registered products by ingredient, target, etc.
DO NOT use Kelly Registration to verify classification of products, use elicense.

Rosters Currently Available:

- Active Certified Commercial Supervisors
- Active Certified Commercial Junior Operators
- Active Certified Private Applicators
- Active Registered Pesticide Businesses
- Active Registered Restricted Use Dealers
- Active Product Registrations
- Active Restricted Use & Aquatic Use Product Registrations
- Active Minimum Risk 25b EPA Exempt Product Registrations

Note: please read rosters carefully recently expired or lapsed registrations/ certifications may show up on your downloaded rosters.

For more information, please contact the Pesticide Management Program at (860) 424-3369, or Deep.PesticideProgram@ct.gov

eLicense

- Credential/license holders will receive renewal notice by email
 - Separate accounts for Personal certification and Business registration
- Usernames and passwords to access eLicense account are sent in renewal emails
 - Forgot User ID & Password? on eLicense login page
- Credential/license holders will be required to submit their renewal application and fee online
 - Upload annual use summaries
 - Upload re-certification credit certificates
- Business registration changes

Access Your Account

Account **Fast Track Renewal**

User ID

Password

Log In

Don't have an account? [Register](#)
[Forgot Password?](#) [Forgot User ID?](#)

Welcome

Welcome to the State of Connecticut's eLicense Website

<p><u>VERIFY A LICENSE & ROSTER:</u></p> <ul style="list-style-type: none">Select ONLINE SERVICES for a list of available services. NOTE: All data contained within License Lookup is maintained by the state of Connecticut, updated instantly and is considered primary source verification.	<p><u>INITIAL APPLICATION:</u></p> <ul style="list-style-type: none">All applicants MUST register if this is a first time applicationSelect the "Register" link and create a new account. Step-by-Step Instructions
<p><u>LICENSE RENEWAL:</u></p> <ul style="list-style-type: none">To access your account, enter your User ID and Password. Step-by-Step Instructions.First time users MUST validate an active email address.DO NOT REGISTER A NEW ACCOUNT TO RENEW.	<p><u>FILING A COMPLAINT:</u></p> <ul style="list-style-type: none">Logging in is optional, but allows you to save your complaintSelect the "File a Complaint" link.
<p><u>FAST TRACK RENEWAL:</u></p> <ul style="list-style-type: none">Check your renewal notification for availability.To access, click the gray Fast Track Renewal tab. Step-by-Step Instructions.Allows access to online renewal only.	<p><u>QUESTIONS:</u></p> <ul style="list-style-type: none"><u>For all inquiries, please email the appropriate agency listed below.</u>

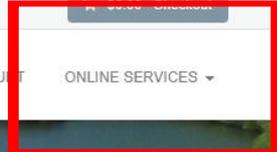
More Online Services

Activities

- [Initial Application](#)
- [File a Complaint/Claim](#)

License Lookup & Download

- [Lookup a License](#)
- [Generate Roster\(s\)](#)
- [Public Reports](#)



- Welcome
- Contact Information
- Credential Information
- Supervision
- Online History
- My Complaint/Claims

You are Logged on to the State of Connecticut's eLicense Website

ONLINE RENEWAL: To renew your license, permit or registration online, select "RENEWAL" under "Online Services."

See links below for step-by-step renewal instructions:

[User Id and Password Instructions](#)

[Fast Track Renewal Instructions](#)

APPLICATION FOR A NEW LICENSE, PERMIT OR REGISTRATION: Online applications are for new applicants ONLY. If you are seeking to reinstate or renew, please contact the appropriate agency below for further information.

To apply for a new license, permit or registration online, please follow the instructions below:

1. From "Online Services", select "INITIAL APPLICATION" under "Activities" to begin.
2. Select the appropriate application and follow instructions. Please note, not all application types are available to be completed online.

Note: All applications must be reviewed and approved by the appropriate agency.

QUESTIONS: For all inquiries, please email the appropriate agency listed below.

More Online Services

Activities

- [Initial Application](#)
- [Renewal](#)
- [License Review Status](#)

License Lookup & Download

- [Lookup a License](#)
- [Generate Roster\(s\) Reports](#)

Account

- [Account Details](#)
- [Address and General Maintenance](#)

Activities

[Initial Application](#)

[Renewal](#)

[License Review Status](#)

[License Maintenance](#)

[Classification](#)

[Print Certificate](#)

[File a Complaint/Claim](#)

License Lookup & Download

[Lookup a License](#)

[Generate Roster\(s\)](#)

[Reports](#)

[Public Reports](#)

Document Upload

[Upload Requested Document](#)

License Status Change

Please select which credential you wish to work on from the

[Item](#)

License

[Start](#)

PMCS.006

Commercial
Supervisor
Maintenance

Commercial Supervisor Maintenance

Fields marked with an asterisk * are required.

1. Select one:

*

- select one -

- select one -

Add Additional Pesticide Category

Upload Annual Pesticide Use Summary

FIFRA Revisions

FIFRA Revisions

Revisions to the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA) were adopted by EPA in 2017

States required to update certification and training plans to renew federal accreditation

CT certification and training plan received federal approval October 2023

FIFRA Revisions

Implementation Schedule

- Notifying of revisions at various industry meetings since 2017
- Some changes have already been implemented –
 - Revised forms RU Dealer Sales
 - Reformatted Certification Credentials
- Some are in the process of being implemented
 - Outreach
 - Exam updates
 - Training materials

FIFRA Revisions

- Some changes need to be adopted by regulation (not later than FFY 2028)
 - Record keeping requirements per 40 CFR 171.201(e) and 171.303(b)(7);
 - Training requirements for operators required under 40 CFR 171.201(d);
 - Prohibit aerial applications of pesticides by operators under 171.201(b)(2)
 - Age requirement of 16 years old for non-certified applicators supervised by private applicators under 171.201(b)(2)

FIFRA Revisions

- Changes to requirements for RU Dealers
 - Tighten distribution of RU pesticides increases reporting requirements
- Changes pesticide application record keeping requirements
- Training requirements for Operators
- Supervisory Oversight/Written Instructions for Operators

FIFRA Revisions Changes to Application Record Keeping

- Name/Address of the customer
(*may differ from treatment address*)
- Location of the application
(address/place)
- *Size of the area treated for all applications*
- Site(s) treated (each pesticide used)
- *Time* and date of the application
- Brand or product name of the pesticide(s) applied
- *EPA registration number(s)*, total amount of pesticide applied per location/application (dilute/rate)
- Name(s) and certification number(s) of supervisor(s) and operator(s) involved in making the application

FIFRA
Revisions
Certified
Supervisor
Responsibility

- Certified Supervisor must ensure that:
 - Operator always has access to the pesticide label(s)
 - Operator uses required PPE
 - Before each day of use – equipment can be used without risk of reasonably foreseeable adverse effects
 - That a means to immediately communicate with the Certified Supervisor is available to each Operator
 - Operators receive annual training

FIFRA Revisions

Purchase and Use
Of
Restricted Use Pesticides

FIFRA Revisions

Purchase/Sales of RU Pesticides

- RU pesticide dealers have increased recordkeeping and reporting obligations
 - When RU pesticides are purchased/picked up by commercial supervisor/private applicator
 - Name/address of residence or place of business
 - Certification number, state issuing the certification, expiration date and certification category
 - Product name, EPA registration number
 - The quantity of the pesticide and date sold

FIFRA Revisions

Purchase/Sales of RU Pesticides

- RU pesticides cannot be made available to an uncertified individual (including operators) unless the dealer maintains additional records that are *verified at the time of each transaction*
 - Name/address of residence or business of the individual to whom the RU pesticide is made available
 - A copy of the certified applicator's certification document
 - A statement signed and dated by the certified applicator authorizing the individual to purchase pesticides on their behalf
 - The driver's license of the person to whom the pesticide is being provided

FIFRA Revisions

Training Requirements
For
Junior Operators

FIFRA Revisions

Junior Operator Training

- ***FIFRA considers CT Operators to be “Non-certified” applicators*
 - Before using any RU pesticide
 - Must be conducted annually
 - Records of training – Name, Date, Trainer, Title or Description of Training
 - Must be presented in a manner that the trainee can understand
 - Must include specific information (more info to come)
 - PERC Training Videos
 - Trainer must be certified to use RU pesticides or designated as a Trainer by EPA (supervisor/private applicator)
 - Federal Train the Trainer (PERC Website)
 - Trainer must be present for the entire training and must respond to questions

FIFRA Revisions

Junior Operator Training

- Training must include
 - Information that *non-certified (Jr. Operator)* applicators need to protect themselves, other people and the environment before, during and after making a RU pesticide application
 - Equivalent to WPS Agricultural “Handler” training
 - Hazards from toxicity/exposure
 - Routes through which pesticides can enter the body
 - Signs/symptoms of common types of pesticide poisoning

FIFRA Revisions

Junior Operator Training

- Routine and Emergency decontamination procedures including eye flushing techniques – must also be instructed to immediately wash or rinse off if pesticides are spilled or sprayed on their body – wash/shower w/soap and water, shampoo hair, change into clean clothes ASAP
- Not to take pesticides or pesticide containers used at work to their home
- How to report pesticide use violations to the state
- Format and meaning of information contained on the pesticide label

FIFRA Revisions

Records of Jr. Operator Training

- Commercial applicators (Supervisors) must create or verify the existence of training records and must have access to records documenting that each Operator has the required qualifications
 - Records of training are required to include;
 - The Operator's printed name and signature
 - The Operator certification number and issuing state
 - The expiration date of the Operator certification
 - The date the training requirement was met
 - The name of the person providing the training
 - Title or description of the training provided

Junior Operator Training Materials

- PERC - Pesticide Educational Resources Collaborative
- <https://PesticideResources.org>
- Pesticide Safety Training for Noncertified Applicators Using Restricted Use Pesticides at Non-Agricultural Sites
- English and Spanish language videos (33 minutes)
- CT Junior Operator = “Noncertified Applicator”

Compliance Refresher

Most Frequent Complaints

- Chemical trespass/off-target applications/drift
 - Mosquito treatments – Mist Blowers/Automated Misting Systems
 - Granular products
 - Treatments made during windy conditions/rain
- Soliciting/Performing work outside of certification category
- Failure to pre-notify
 - Less than 24 hours
 - Failure to provide required information
- Failure to provide information when asked - posting

Most Frequent Violations

- Failure to pre-notify
 - Missed time-frames
 - Failure to provide required information
- Insufficient Written Instructions
 - Supervisors acting outside of certification category
 - Absentee supervisors
- Operator acting as Supervisor
- Records
 - Supervisor working out of category
- Unregistered business
- Subcontracting/Absentee Supervisor
- Faulty/Careless/Negligent Application
- Misuse of Pesticide

Pre- Notification

- **RCSA Sec. 22a-66a-2(b) Requests for notification of pesticide application to abutting property**
- As part of the business records required under section 22a-66g of the general statutes, a pesticide application business shall retain a copy of any request for notification which it receives, and shall forward the original request to the Pesticide Management Division of the Department of (Energy and) Environmental Protection within five calendar days of its receipt
- Business shall commence twenty-four-hour prior notification of pesticide application immediately upon receipt of a request for notification

Pre- Notification

- **Sec. 22a-66a**(a) *A pesticide application, business* prior to entering into a written or oral agreement to apply a pesticide, shall provide to the person requesting the application and the resident or manager of the property to be treated
 - (1) notification of the (abutter) registry established pursuant to subsection (b) of this section and
 - (2) a copy of that portion of the pesticide label, as defined in section 22a-47, which states the product name and registration number, the manufacturer, the active ingredients, the signal word, an emergency phone number, if listed, and any precautionary statements, including statements on environmental hazards, human and animal hazards, emergency treatment and reentry.

Pre- Notification

- List of abutters sent to registered businesses by email only
- Notification of Registered abutters – The Commercial Application Business
 - Must make at least two attempts 24 hours (or more) prior
 - Maintain record of attempts including the date, name of person notified, method of notification
 - Notice must include -
 - common name of pesticide likely to be applied
 - the location (Place/Address) of the pesticide application
 - date/approximate time (3 to 4-hour window) of application
 - name, address & telephone number of business making the application

**NOTE: Notification of aquatic applications differ

Posting Refresher Commercial Applicators

- Outdoor applications within 100 yards of a property line
- Posted at conspicuous locations no farther apart than every 150' of road frontage
 - At the time of the pesticide application
 - Facing road frontage
 - Facing in direction of persons entering property
 - Include date, name/telephone number of the business – must be easy to read
 - Size 4 x 5 inches, yellow with black lettering/symbol
 - Professionally printed - Cannot include other posting or advertisement

Posting Refresher Public Information

- If a commercial applicator is contacted by *any person who obtains such contact information from a posted sign*, the commercial applicator must provide that person with
 - The name(s) of the pesticide(s)
 - EPA registration number(s)
 - Re-entry restrictions
 - Date of application

**NOTE: Posting for aquatic applications differ

Supervisory Written Instructions

- **RCSA Sec. 22a-66-5. Certification of applicators.** (f) A supervisory certificate shall be required for a commercial applicator who is responsible for *deciding whether or not pesticides are to be employed, how they are to be employed, what pesticides are to be used, the dosages and timing involved in such pesticide use and the methods of application and precautions to be taken in the use of such pesticides.* This includes, but is not limited to, any person who, upon inspection of stored products, crops, plants, bodies of water, or a building or other structure for pest damage, recommends or suggests treatment to control or alleviate pest damage.
- (g) An operator's certificate shall be required for a commercial applicator who actively uses pesticides in other than a supervisory capacity including but not limited to:
 - (1) a person who applies, mixes or handles pesticides in other than completely closed containers;
 - (2) a person who comes in contact with pesticides through drift for more than brief periods; or
 - (3) a person who assists with the application of pesticides under the supervision of a holder of a supervisory certificate.

Supervisory Written Instructions

- **RCSA Sec. 22a-66-5. Certification of applicators.** (1) No commercial application of pesticides shall be made unless a person holding a valid supervisory certificate:
 - (A) is present at the time of application where such presence is required by the labeling; or
 - (B) where labeling does not require the presence of a certified supervisory applicator at the site of application, the certified supervisory applicator shall either be present at the time of application or provide written instruction to the certified operator. The written instructions may be delivered to the certified operator in electronic form. If the instructions are delivered in electronic form, they shall be made available in printed form or electronically transmitted to the commissioner or the commissioner's representative at the time of an inspection of the operator or the operator's business. The written instructions shall be in the possession of the certified operator at the time of application.

Supervisory Written Instructions

- **RCSA Sec. 22a-66-5. Certification of applicators.** (2) (A) Written directions for use of a pesticide provided to a junior operator shall include
 - the certified supervisor's name and certification number,
 - the certified operator's name and certification number,
 - the pest(s) to be controlled,
 - the pesticide(s) to be used,
 - directions for use of the pesticide, including but not limited to, the dilution rate of the pesticide to be used if other than a ready-to-use product and
 - method of application,
 - the place (address) to be treated and the site or sites at the place that is to be treated. Site shall be specifically designated so it is clear which of the instructions on the pesticide label are to be followed.
 - The written instructions may require further directions depending on the product label precautions and site-specific treatment limitations. (II) A junior operator may choose not to apply a pesticide if there are no pests present or if conditions present a potential increased risk of harm if pesticides are used.

Supervisory Written Instructions

- Failure to include required information in supervisory written instructions results in operator acting as a supervisor under CGS Sec. 22a-61(d) and (e)
- RCSA Sec. 22a-66-5(5) Supervisory Written Instructions must be maintained as part of the permanent record

Review

Supervisory Written
Instructions

Supervisory Written Instructions

-
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 - The written instructions may require further directions depending on the product label precautions and site-specific treatment limitations. (II) A junior operator may choose not to apply a pesticide if there are no pests present or if conditions present a potential increased risk of harm if pesticides are used.

Supervisory Written Instruction

Spring

DATE: 5/7/21

SERVICE PROVIDED: Horticultural Oil Treatment

Area to be treated: Evergreen and Landscape Shrubs

CLIENT NAME: [REDACTED]

ADDRESS: [REDACTED] Rd

PHONE #: [REDACTED]

MATERIALS USED: hort + oil

GALLONS USED: 15 gal

Special Instructions

TIME IN: 4:03 pm

TIME OUT: 4:43 pm

Supervisor: [REDACTED]

License No: [REDACTED]

Operator: [REDACTED]

License No: [REDACTED]

Business Registration: B [REDACTED]

Paid On:

Awaiting Payment:

What's Missing?

- **RCSA Sec. 22a-66-5. Certification of applicators.** (2) (A) Written directions for use of a pesticide provided to a junior operator shall include
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 - the certified operator's name and certification number,
 - the pest(s) to be controlled,
 - the pesticide(s) to be used,
 - directions for use of the pesticide, including but not limited to, the dilution rate of the pesticide to be used if other than a ready-to-use product and
 - method of application,
 - the place (address) to be treated and the site or sites at the place that is to be treated. Site shall be specifically designated so it is clear which of the instructions on the pesticide label are to be followed.
- The written instructions may require further directions depending on the product label precautions and site-specific treatment limitations. (II) A junior operator may choose not to apply a pesticide if there are no pests present or if conditions present a potential increased risk of harm if pesticides are used.

What's missing?

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- the certified operator's name and certification number,
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- the pesticide(s) to be used,
- directions for use of the pesticide, including but not limited to, the dilution rate of the pesticide to be used if other than a ready-to-use product and
- method of application,
- the place (address) to be treated and the site or sites at the place that is to be treated. Site shall be specifically designated so it is clear which of the instructions on the pesticide label are to be followed
- The written instructions may require further directions depending on the product label precautions and site-specific treatment limitations. (II) A junior operator may choose not to apply a pesticide if there are no pests present or if conditions present a potential increased risk of harm if pesticides are used.

Additional Considerations

- The two supervisors hold different certification categories (Not obvious because of redacted content)
- Each supervisor must maintain their own copy of each record per 22a-58(d) that includes the written instructions per RCSA22a-66-5(i)(5)
- They cannot act as a supervisor for categories that they do not hold – What happens when one of them is not working/on vacation?? Who supervises their categories?
- There is no need for the statement– “The written instructions may require further directions depending on the product label precautions and site specific treatment limitations.” because the instructions should include the label/site specific precautions and treatment limitations
- The number of pesticides/target pests should be limited so the only decision that can be made by the operator is to not apply a pesticide – Guideline is five products/pests or less

Additional Considerations

- Multiple products – directions indicate “other labeled crawling insects” or “other crawling insects per label” This requires the junior operator to act as a certified supervisor by identifying the target pest and making a determination as to which pesticide to use/how to use it
- no need to include technical chemical names
- some of the specific product instructions do not indicate site(s) to treat
- The last pesticide instructions that were visible within the actual template that we reviewed was for Advion Gel, making the Contrac All Weather Blox instructions invisible to the applicator (Not obvious because of edited content)
- Label Link – Is this the first time that the customer has access to label information?? Is this intended to be for applicator reference?

Additional Considerations

- Generic supervisory written instructions (ie; binder kept in the service vehicle) does not comply with the requirements for commercial junior operators
- A commercial supervisor cannot oversee applications in a certification category they do not hold.
- Each commercial supervisor has an obligation to maintain a record of every application they supervise including a copy of their instructions to the applicator.

Incomplete Supervisory Written Instructions

- When supervisory written instructions are incomplete, the operator makes decisions that are the responsibility of the supervisor
- CGS Sec. 22a-61. Prohibited acts. (e) It shall be unlawful for *any person possessing an operational certificate for commercial application to perform or to advertise or solicit to perform any activity requiring a supervisory certificate* for commercial application.

Operator acting as Supervisor Penalty

- CGS Sec. 22a-63. Penalties: Fine, imprisonment(f) Any person who is not certified as a commercial applicator who performs or advertises or solicits to perform commercial application of a pesticide, or any person possessing an operational certificate for commercial application under section 22a-54 ***who performs or advertises or solicits to perform any activity requiring a supervisory certificate for commercial application shall be assessed a civil penalty in an amount not less than one thousand dollars or more than two thousand dollars for each day such violation continues.*** For any subsequent violation, such penalty shall be not more than five thousand dollars. The Attorney General, upon complaint of the commissioner, may institute a civil action to recover such penalty in the superior court for the judicial district of Hartford.

Records

- **Sec. 22a-58. Records to be kept by distributors and applicators.** (d)

Commercial applicators shall maintain records with respect to their use of and supervision of the use of pesticides. Such records shall be maintained for not less than five years after the date of application and shall include, but not be limited to... A summary of the items maintained under subdivisions (1) and (2) shall be submitted to the commissioner on or before January thirty-first for the preceding calendar year in which the application was made on such form as the commissioner may prescribe.

- **Sec. 22a-66g. Records. Availability.** (a)

A *pesticide application business* shall maintain records for not less than five years from the date such record is made or amended, whichever is later. The record shall indicate:

Records

- **Records shall indicate:** (*includes FIFRA Revisions*)
 - (1) the name and address for whom the pesticide was applied (*ie; billing name/address*)
 - (2) name and certification number of the commercial supervisor and the commercial operator, (3) brand or product name and EPA registration number, if applicable, of the pesticide applied and amount of pesticide used per location per application (*example: street address and apartment*), (4) the size of the area treated (5) time and date of the pesticide application, (6) pest treated for, and (7) crop or site treated. A summary of the items maintained under subdivisions (2) and (3) shall be submitted to the commissioner on or before January thirty-first for the preceding calendar year in which the application was made on such form as the commissioner may prescribe.

Records – Cont'd

- (2) A list of the names and corresponding Environmental Protection Agency registration numbers of any pesticide applied by the business; and
- (3) The name and applicator certification number of each certified commercial pesticide applicator, *operator or supervisory, who is an employee or agent of the business, and a list of the types of applications which each is performing.*
- (b) Information required under subdivision (2) of subsection (a) of this section may be kept separately from the records required by subdivision (1) of said subsection or may be integrated with such records by including on the record of each pesticide application the full name and Environmental Protection Agency registration number of the pesticide used.

Records – Cont'd

- (c) All records and information required to be kept pursuant to this section *shall be kept at the registrant's place of business and may be inspected by the commissioner pursuant to section 22a-59*. If the registrant's place of business is outside of the state, the records and information *shall be made available to the commissioner at a location in the state not more than ten days* after receipt of a request for inspection from the commissioner.
- (d) A pesticide application business shall, upon written request, provide a customer with a copy of the record which is required to be kept pursuant to this section and which pertains to a pesticide application performed for that customer.

Review

Record Keeping

Records

- CGS Sec. 22a-58(d) **Commercial applicators** shall maintain records with respect to their use of and supervision of the use of pesticides. Such records shall be maintained for not less than five years after the date of application and shall include, but not be limited to, the (1) name and certification number of the commercial supervisor and the commercial operator, (2) kind and amount of pesticide used, (3) date and place of application, (4) pest treated for, and (5) crop or site treated. A summary of the items maintained under subdivisions (1) and (2) shall be submitted to the commissioner on or before January thirty-first for the preceding calendar year in which the application was made on such form as the commissioner may prescribe.

Records

- **CGS Sec. 22a-66g. Records. Availability.** (a) A pesticide application business shall maintain records for not less than five years from the date such record is made or amended, whichever is later. The record shall indicate:

- (1) For each application of a pesticide made on behalf of the business, (A) the name and certification number of the commercial supervisor and the commercial operator, (B) the kind and amount of pesticide used and the amount of acreage treated, if applicable, (C) the date and place of application, (D) the pest treated for, and (E) the crop or site treated;

**new FIFRA requirements to add

- Customer Name, Size of the area treated, Time of the application
- Brand or product name of the pesticide(s) applied
- EPA registration number(s), total amount of pesticide applied per location/application (dilute/rate)

Records – Cont'd

(2) A list of the names and corresponding Environmental Protection Agency registration numbers of any pesticide applied by the business; and

- (3) The name and applicator certification number of each certified commercial pesticide applicator, operator or supervisory, who is an employee or agent of the business, and a list of the types of applications which each is performing.

- (b) Information required under subdivision (2) of subsection (a) of this section may be kept separately from the records required by subdivision (1) of said subsection or may be integrated with such records by including on the record of each pesticide application the full name and Environmental Protection Agency registration number of the pesticide used.

- (c) All records and information required to be kept pursuant to this section *shall be kept at the registrant's place of business and may be inspected by the commissioner pursuant to section 22a-59*. If the registrant's place of business is outside of the state, the records and information *shall be made available to the commissioner at a location in the state not more than ten days* after receipt of a request for inspection from the commissioner.

- (d) A pesticide application business shall, upon written request, provide a customer with a copy of the record which is required to be kept pursuant to this section and which pertains to a pesticide application performed for that customer.

Records

DATE: 6/9/21 CLIENT NAME: [REDACTED]
SERVICE PROVIDED: [REDACTED] ADDRESS: [REDACTED]
Late Spring Applications
Area to be treated: PHONE #: [REDACTED]
pre-emergent crabgrass and
roadleaf weed control plus fertilizer
spot treat broad-leaf weeds MATERIALS USED: ROSEN / Spray
GALLONS USED: 14 pail / 1 1/2 Gallon
Special Instructions TIME IN: 11:31 AM TIME OUT: 12:01 PM
Supervisor: [REDACTED]
License No: S [REDACTED]
Operator: _____
License No: _____ Paid On: _____ Awaiting Payment: _____
Business Registration: B [REDACTED]

Records - What's missing?

Records

DATE: 6/9/21	CLIENT NAME: [REDACTED]
SERVICE PROVIDED: Late Spring Applications	ADDRESS: [REDACTED]
Area to be treated: pre-emergent crabgrass and broadleaf weed control plus [REDACTED]	PHONE #: [REDACTED]
spot treat broadleaf weeds	MATERIALS USED: Roundup / Spray
Special instructions	GALLONS USED: 14 pail / 1 1/2 gallon
	TIME IN: 11:31 am
	TIME OUT: 12:01 pm
Supervisor: [REDACTED]	
License No: S [REDACTED]	
Operator: [REDACTED]	
License No: [REDACTED]	
Business Registration: B [REDACTED]	Paid On: Awaiting Payment:

- CGS Sec. 22a-58(d) Commercial applicators shall maintain records with respect to their use of and supervision of the use of pesticides. Such records shall be maintained for not less than five years after the date of application and shall include, but not be limited to, the (1) name and certification number of the commercial supervisor and the commercial operator, (2) kind and amount of pesticide used, (3) date and place of application, (4) pest treated for, and (5) crop or site treated.

Service Notification

Customer Service

B-

Customer Information Service Information Service Instructions

Customer#		Tech	
CustomerID		License #	PHCO.000000
Account #		Supervisor	
Invoice #		Supervisor Lic. #	
Address		Date	08/04/2023
		Service Description	Home Protection Plan
County	Fairfield	Service Time	8:00 am - 1:00 pm
Products Used		Time In	8:34 am
		Time Out	9:41 am
		Wind	4 mph SSW
		Temperature	72.00 %
		Serviced Interior	Yes

CONTRAC ALL-WEATHER BLOX - Bell Labs <small>(Bromadiolone - 0.005%)</small> EPA REG. # 12455-79 EPA Lot # Label Link: https://www.belllabs.com/images/PDFs/Labels/12455-79_Contrac_All-Weather_Blox_18B.pdf Target Issues: Mice Target Areas: Attic	Diluted Amount: 4.000 ozs Concentrated Amount: 4 ozs Dilution Rate: 100.00000000% Active Ingredient: 0.005%	Bait Station Application Rate: 1 block / 10 ft
CONTRAC ALL-WEATHER BLOX - Bell Labs <small>(Bromadiolone - 0.005%)</small> EPA REG. # 12455-79 EPA Lot # Label Link: https://www.belllabs.com/images/PDFs/Labels/12455-79_Contrac_All-Weather_Blox_18B.pdf Target Issues: Mice Target Areas: Garage	Diluted Amount: 2.000 ozs Concentrated Amount: 2 ozs Dilution Rate: 100.00000000% Active Ingredient: 0.005%	Bait Station Application Rate: 1 block / 10 ft
NIBAN GRANULAR BAIT EPA REG. # 64405-2 EPA Lot # Label Link: https://nissuacorp.com/product/niban Target Issues: Ants, Carpenter, Ants, Household Target Areas: Exterior, Perimeter	Diluted Amount: 5.000 ozs Concentrated Amount: 5 ozs Dilution Rate: 100.00000000% Active Ingredient: 5%	Spreader Application Rate: 4lb/1000sf
BIFEN LP GRANULES - Control Solutions Inc. <small>(Bifenthrin - 0.2%)</small> EPA REG. # 53883-124 EPA Lot # Label Link: https://www.controlsolutionsinc.com/csl-pest/general-insecticide/bifen-lp-granules Target Issues: Ticks Target Areas: Transition Zone	Diluted Amount: 1.250 lbs Concentrated Amount: 1.25 lbs Dilution Rate: 100.00000000% Active Ingredient: 0.2%	Spreader Application Rate: 2.3 lb / 1000 sf
BIFEN IT (1OZ/GAL) <small>(Bifenthrin - 0.2%)</small> EPA REG. # 53883-118 EPA Lot # Label Link: https://www.controlsolutionsinc.com/csl-pest/general-insecticide/bifen-it Target Issues: Ants, Carpenter, Ants, Household Target Areas: Exterior Foundations	Diluted Amount: 0.250 gals Concentrated Amount: 0.25 flOzs Dilution Rate: 0.78125000% Active Ingredient: 7.9%	BackPack Sprayer Application Rate: 1RoZ/1000sqft

Invoice Items

Home Protection Plan - Initial
Subtotal
Tax: 8.350 %
Service Total:

Commercial Supervisor
Instructions PMCS.000000 PMCS.000000
Pre cautionary statement: Do not treat any flowering plants, edible plants, or plants/trees that produce food for consumption. The written instructions may require further directions depending on the product label precautions and site specific treatment limitations.

Contact your supervisor for further written instructions.
D-fense Dust (RTU 0.5 lb/1000 sqft Deltamethrin 0.05%)

Ants, spiders, yellow jackets/hornets, cockroaches, & other labeled crawling insects per label

Exterior: Crack Crevice, Sill plate, Eaves, Awnings, Overhangs, Doors/windows, Voids in structure, Foundation treatment, Spot treatment, Light Fixtures, Yard Spot Treatment, Voids in rock wall, Utility line voids.

Interior: Kitchen, bathroom, baseboards, under sinks, voids around appliances, windows, cabinetry, door frames, basement or attic framing or void spaces

Bellows Duster or Webster or Dust Stick or Centrobulb Duster

Bifen IT (1oz/gal Bifenthrin 7.9%) Exterior/Interior Crack and Crevice only: Ants, spiders, yellow jackets/hornets, cockroaches, & other labeled crawling or flying insects per label Kitchen, bathroom, baseboards, under sinks, voids around appliances, window/door frames, foundation, sill plate, garage, basement, a attic, shed

Compressed Air Sprayer or Backpack Sprayer
Advion Ant Gel (30gm) AGENCY

Indoxacarb* [S]-methyl 7-chloro-2,5-dihydro-2-[[(methoxycarbonyl) [4(trifluoromethoxy)(S)methyl 7-chlor-2 amino] carbon yl]indeno[1,2-e]

1,3,4,6-tetrahydro-2H-pyridin-2-one 0.05%. For Ant control Apply 0.1 to 1.0 gram spots of Advion Ant Gel or approximately 1/4" in diameter spots. Apply lines of Advion Ant Gel of approximately 1/8" wide and 2" long; up to 3" long for highly active foraging trails. Method Bait Gun"

Bifen LP (2.3 lbs / 1000 sf Bifenthrin 0.2%) Ants, mole crickets, and other crawling insects per label Structure Perimeter, Mulch, Flowerbeds
Handspreader (Setting #1)

Conrac All-weather Blox (Bromadiolone 0.005% 1 oz/8-12 ft) Generally inaccessible interior sites and exterior sites (secured in a tamper resistant bait station. Sites include, foundation, garage, attic, crawl space, kitchens, shed) Tamper Resistant Bait Station
Mice, Rats, Voles

B-

Customer Information		Service Information		Service Instructions	
Customer#		Tech		License #	PHCO.000000
CustomerID		Supervisor		Supervisor Lic. #	
Account #		Date	08/04/2023	Service Description	Home Protection Plan
Invoice #		Service Time	8:00 am - 1:00 pm	Time In	8:34 am
Address		Time Out	9:41 am	Wind	4 mph SSW
County	Fairfield	Temperature	72.00 %	Serviced Interior	Yes
Products Used					
<hr/>					
CONTRAC ALL-WEATHER BLOX - Bell Labs	Diluted Amount: 4.000 ozs	Concentrated Amount: 4 ozs		Bait Station	
EPA REG. # 12455-79	Dilution Rate: 100.0000000%	Active Ingredient: 0.005%	Application Rate: 1 block / 10 ft		
EPA Lot #					
Label Link: https://www.belllabs.com/images/PDFs/Labels/12455-79_Contrac_All-Weather_Box_18B.pdf					
Target Issues: Mice					
Target Areas: Attic					
<hr/>					
CONTRAC ALL-WEATHER BLOX - Bell Labs	Diluted Amount: 2.000 ozs	Concentrated Amount: 2 ozs		Bait Station	
EPA REG. # 12455-79	Dilution Rate: 100.0000000%	Active Ingredient: 0.005%	Application Rate: 1 block / 10 ft		
EPA Lot #					
Label Link: https://www.belllabs.com/images/PDFs/Labels/12455-79_Contrac_All-Weather_Box_18B.pdf					
Target Issues: Mice					
Target Areas: Garage					
<hr/>					
NIBAN GRANULAR BAIT	Diluted Amount: 5.000 ozs	Concentrated Amount: 5 ozs		Spreader	
EPA REG. # 64405-2	Dilution Rate: 100.0000000%	Active Ingredient: 5%	Application Rate: 4lb/1000sf		
EPA Lot #					
Label Link: https://nissuacorp.com/product/niban					
Target Issues: Ants, Carpenter, Ants, Household					
Target Areas: Exterior, Perimeter					
<hr/>					
BIFEN LP GRANULES - Control Solutions Inc.	Diluted Amount: 1.250 lbs	Concentrated Amount: 1.25 lbs		Spreader	
EPA REG. # 53883-124	Dilution Rate: 100.0000000%	Active Ingredient: 0.2%	Application Rate: 2.3 lb / 1000 sf		
EPA Lot #					
Label Link: https://www.controlsolutionsinc.com/csl-pest/general-insecticide/bifen-lp-granules					
Target Issues: Ticks					
Target Areas: Transition Zone					
<hr/>					
BIFEN IT (1OZ/GAL)	Diluted Amount: 0.250 gals	Concentrated Amount: 0.25 flOzs		BackPack Sprayer	
EPA REG. # 53883-118	Dilution Rate: 0.7812500%	Active Ingredient: 7.9%	Application Rate: 1flOz/1000sqft		
EPA Lot #					
Label Link: https://www.controlsolutionsinc.com/csl-pest/general-insecticide/bifen-it					
Target Issues: Ants, Carpenter, Ants, Household					
Target Areas: Exterior Foundations					

Invoice Items

Home Protection Plan - Initial
 Subtotal
 Tax: 8.350 %
Service Total:

- CGS Sec. 22a-58(d) Commercial applicators shall maintain records with respect to their use of and supervision of the use of pesticides. Such records shall be maintained for not less than five years after the date of application and shall include, but not be limited to, the (1) name and certification number of the commercial supervisor and the commercial operator, (2) kind and amount of pesticide used, (3) date and place of application, (4) **pest treated for, and (5) crop or **site treated.

Pesticide Storage and Disposal

-
- This presentation includes subject matter pertinent to legal and best management practices for pesticide storage and disposal for Connecticut commercial pesticide applicators and pesticide application businesses. It is not intended to be all inclusive of requirements for pesticide storage and disposal. Individuals with questions regarding requirements for pesticide storage or disposal are advised to contact the appropriate state agency/department for more information.

Evaluate Storage Sites/Facilities

- Does your storage affect sensitive areas?
- Protected from extreme temperatures?
- Locked and secure?
- No floor drains/drainage to sensitive areas?
- Maintain container and label on product
- What about Service containers?*
- Consider secondary containment for stored pesticides
- Manage pesticide storage on service vehicles too



*Service and Secondary Containers

- The name, address and telephone number of the applicator/pest control firm [if applicable].
- Product name.
- EPA registration number.
- Name and percentage of active ingredient.
- If the product in the container is diluted, it should be followed by the phrase:
“The product in this container is diluted as directed on the pesticide product label.”

*Service and Secondary Containers

- Signal word and precautionary statements (including First Aid statements) from the registered label unless the registrant has acute toxicity data supporting lesser precautionary statements for the diluted product and alternate directions for the diluted product are indicated on the product label; and
- The statement:
“Follow the directions for use on the pesticide label when applying this product.”

Source: <https://www.epa.gov/pesticide-labels/secondary-containers-and-service-containers-pesticides>

Pesticides in Storage

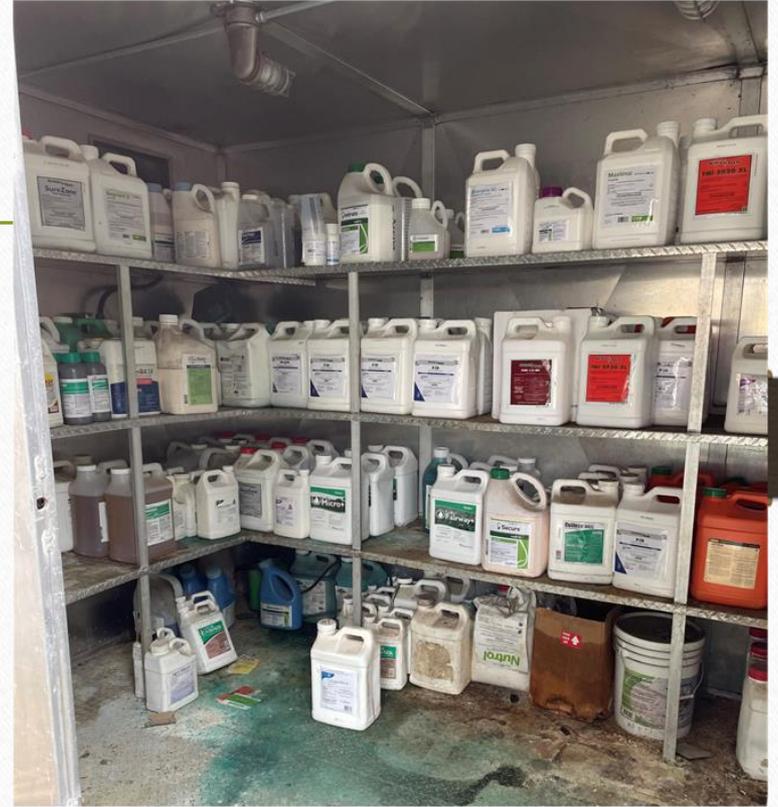
- Maintain original label on container
- Recommend to copy the container label and maintain the copy for reference /junior operators/customers
- Specimen /Web labels/Revised labels might not be the same
- Make a plan for unused pesticide products
- Make a plan for unused excess pesticide mixtures
- EPA approved labels have the force of law





Label Statements

- Storage mandates/advisory statements
 - Example- “Store in cool, dry area” Example- “Keep out of reach...”
- Disposal mandates/advisory statements
 - Triple Rinse
 - Use or proper disposal of rinsate/excess pesticides
 - “Contact your State Pesticide or Environmental Control Agency for guidance”



Storage and Disposal

Do not contaminate water, food, or feed by storage or disposal.

Pesticide Storage: Store above 10°F or warm and agitate before use to ensure any crystallization that may have occurred redissolves.

Pesticide Disposal: Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

Container Handling: Nonrefillable container. Do not reuse or refill this container.

Triple rinse or pressure rinse container (or equivalent) promptly after emptying. **Triple rinse** as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

Pressure rinse as follows: Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 psi for at least 30 seconds. Drain for 10 seconds after the flow begins to drip. Then offer for recycling if available, or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures allowed by state and local authorities.

Example of the **Storage and Disposal** statement; from EPA Approved label for Vista XRT Herbicide, EPA Reg No 62719-586, collected April 22, 2022. For illustrative purpose only, always follow the label on the actual product container of the pesticide you are using.



Pesticide Disposal

- Read and Follow the label on the pesticide product container
- Look for storage/disposal sections on pesticide labels
- Properly rinse pesticide container for disposal or recycling dependent on label
- If possible, apply rinse water according to label directions
- Pesticide wastes are regulated/hazardous depending on composition of the waste generated
- Must be disposed of properly according to federal and state laws and regulations

Regulated vs Hazardous Waste

- Determine the unwanted pesticide is to be disposed of
- Determine status of the pesticide waste
- Is it simply regulated waste or is it hazardous waste

DEEP Contacts

- Contact DEEP COMPASS-Hazardous Waste Compliance Assistance Program (DEEP Hazardous Waste Program)
 - Compliance assistance line (888-424-4193)
 - DEEP SolidWaste: DEEP.SolidWaste@ct.gov
 - DEEP HazWaste: DEEP.RCRAHelp@ct.gov
 - Compliance assistance information
 - Consultative services
- <https://portal.ct.gov/DEEP/Waste-Management-and-Disposal/Hazardous-Waste/COMPASS>

Options for Pesticide Disposal

1. Household Hazardous Waste collection in local towns/cities for small pesticide application businesses
 - [Small Business Waste \(ct.gov\)](#)
 - Currently no “Clean Sweep” disposal plan for CT
2. Contact a chemical waste hauler company directly
 - [Transporters \(ct.gov\)](#)
3. Contact NEDT (Sutton, MA) for disposal-calculate fee on website and you transport pesticides in your vehicle to Sutton, MA -Regional collection facility
 - [Hazardous Waste Services & Disposal for New England - NEDT, Inc. \(nedtinc.com\)](#)

Pesticide Environmental Stewardship

- Reference guide to pesticide disposal/storage and other pesticide information
- <https://pesticidestewardship.org/>
- Storage checklist/assessment/quiz

Reference Materials

- DEEP COMPASS information (phone number, emails, website)
 - <https://portal.ct.gov/DEEP/Waste-Management-and-Disposal/Hazardous-Waste/COMPASS>
- Pesticide Environmental Stewardship (storage checklist, assessment/quiz)
 - <https://pesticidestewardship.org/storage/>
 - <https://pesticidestewardship.org/disposal/>
- Pesticide disposal
 - Small Business Waste [Small Business Waste \(ct.gov\)](#)
 - NEDT [Hazardous Waste Services & Disposal for New England - NEDT, Inc. \(nedtinc.com\)](#)
 - EPA [Requirements for Pesticide Disposal | US EPA](#)
 - Hazardous Waste Collection companies [Transporters \(ct.gov\)](#)
 - EPA container/containment [Containers, Containment, Storage and Disposal of Pesticides | US EPA](#)

DEEP Website

- Portal.CT.gov/deep-pmp
 - Guidance on eLicense protocols for all credentials
 - Links to How To videos
- Exam Study Materials
- Pertinent Statutes & Regulations
- Statute Clarification – written instructions & records

Department of Energy & Environmental Protection
Bureau of Materials Management & Compliance
Assurance

Pesticide Management Program

79 Elm Street

Hartford, CT 06106

DEEP.PesticideProgram@ct.gov

860/424-3369