

# **Soil Fumigation Pest Control: Category 12: Commercial Category 21: Private Supplement Guide**



**Extension**  
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College of Agriculture,  
Food & Natural Resources







# Soil Fumigation Pest Control: Category 12: Commercial Category 21: Private Supplement Guide

## **Acknowledgments**

This guide is a supplement to the Soil Fumigation Manual. It provides you with a quick reference for commonly accessed information.

This supplement was prepared by Daniel Sjarpe.



# Record Keeping Requirements

Keeping detailed records of soil fumigation activity is important. It is a legal requirement and the information may be useful in the future when examining environmental conditions. Applicators should keep records of all soil fumigation activity. The required and recommended information to record is listed below.

Records must be kept for at least two years for private applicators and three years for commercial applicators and should be kept at the principal place of business. These records shall be completed within three (3) business days from the date of use. These records are to be available for inspection by a director, at a reasonable time during regular business hours at the physical location from which certified applicators use or supervise the use of pesticides, or upon request in writing. The director will be given a copy of all records within ten working days of a receipt of request. Refer to Section 2 CSR 70-25.120 - Contents of Records Maintained by Certified Commercial Applicators, Certified Noncommercial Applicators and Certified Public Operators for Missouri recordkeeping requirements. These requirements are derived from EPA Code of Federal Regulations 40 CFR 171.303(b)(7)(vi).

## These records need to include the following for each application site:

- Name and license number of the certified applicator using or supervising the use of pesticides
- Name of the noncertified applicator, name and license number of the noncertified RUP applicator, or the name and license number of the pesticide technician using the pesticide(s), if applicable
- Application date, start time, and end time
- Name and address of the person requesting the pesticide use
- Address or brief description of the application site
- Size of the area treated (such as square feet, linear feet, acres, etc.) excluding indoor spot and crack and crevice applications
- The site, crop and variety name, commodity, or stored product to which pesticide was applied, if applicable
- Target pests
- Complete trade (manufacturer's brand) name(s) from the label(s) of the pesticide(s) used

- The United States EPA registration number(s) form the label(s) of the pesticide(s) used and the special local need registration number, if applicable. In lieu of recording the United States EPA registration number(s) for each pesticide use, documentation shall be maintained which provides incontrovertible correlation between each pesticide use and the United States EPA registration number(s) of the pesticide(s) used.
- The pesticide(s) mixture rate, the total amount of mixture used, and the rate of application expressed in reasonable and understandable terms
- For pre-mixed, ready-to-use pesticide products, a reasonable estimate of the amount of pesticide used and the actual rate of application expressed in reasonable and understandable terms
- The air temperature, measured wind speed, and wind direction as the site of the outdoor pesticide applications, excluding applications of pesticides in general structural pest control and termite pest control within ten feet (10') of a building
- A written, signed, and dated request from the agricultural producer requesting the use of a lesser concentration of a pesticide than is provided on the pesticide label, if applicable

## Additional records recommended for outdoor applications include:

- Restricted Entry Interval (REI)
- The site of the application (type of surface or area treated, such as fence line, lawn, type of trees or shrubs)
- Method of disposal of unused pesticide. Record if no unused pesticide remains.
- Method of application (spot treat with hand sprayer, broadcast with granular spreader, incorporated, etc.)









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