

Texas Trends in Structural Fumigation





Texas Structural Fumigation

Fumigation in Texas

Label Implementation

Structural Fumigation Concerns

Fumigations in Texas

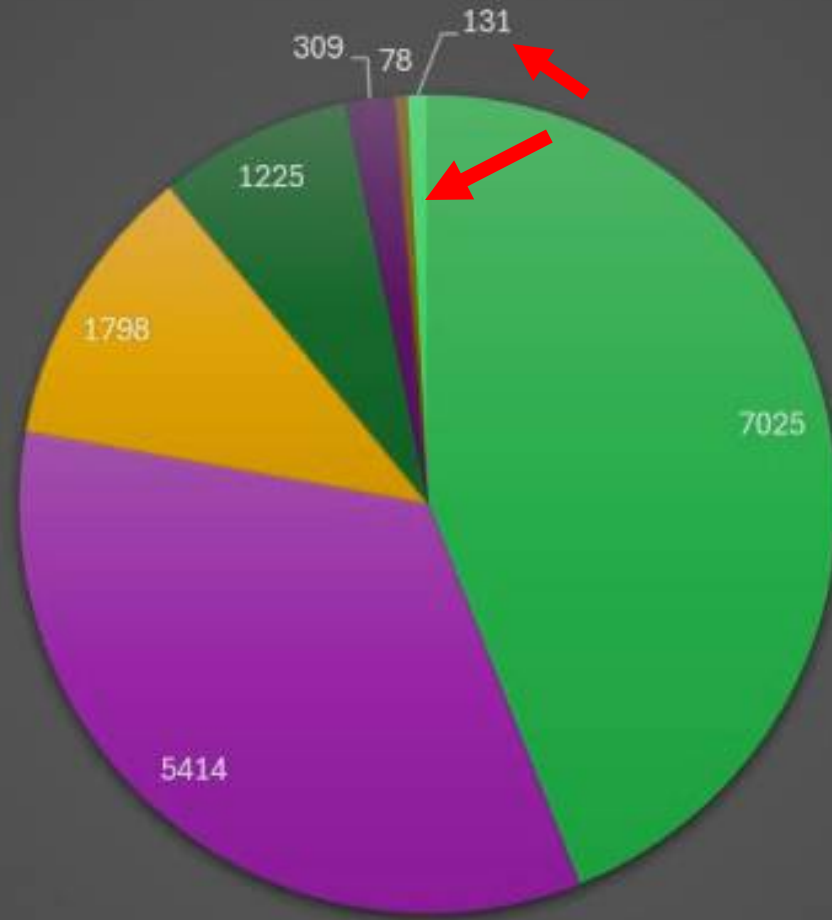




Texas Fumigation Totals

2021	1169
2022	1197
2023	1061
2024	1185
2025	777
Total	5421

STRUCTURAL PEST INDIVIDUAL COMMERCIAL CERTIFIED APPLICATOR



■ Pest Control ■ Termite & WDI Control ■ L&O ■ Weed ■ Commodity Fumigation ■ Wood Preservation ■ Strcutral Fumigation

Label Implementation



Rule Revisions (4 Tex. Admin Code §7.178)

- Warning Sign
- Stewardship Training
- Structural Fumigation Log
- Clearance Device



Structural Fumigation Log

- Structure type
- Dosing calculations:
 - Dosage factor
 - Tarp condition
 - Under seal type
 - Seal condition
 - Underseal
 - Hours of exposure
- Introduction of chloropicrin and sulfuryl fluoride:
 - Name and license number of certified applicator responsible for introduction of chloropicrin & SF
 - Name(s) of second trained person(s) and certified applicator(s) assisting with introduction ""
 - Number of introduction sites
 - Cylinder serial number(s) of sulfuryl fluoride applied
- Aeration
 - Name and license number of certified applicator responsible for initiating aeration
 - Name(s) of certified applicator(s) and second trained person(s) assisting with initiating aeration
- Final Clearance testing
 - Name, license number, and signature of certified applicator responsible for conducting final clearance testing
 - Name(s) of certified applicators assisting final clearance testing

TAC RULE	HISTORICAL	TEXAS REGISTER	VIEW PDF
Title 4		AGRICULTURE	
Part 1		TEXAS DEPARTMENT OF AGRICULTURE	
Chapter 7		PESTICIDES	
Subchapter H		STRUCTURAL PEST CONTROL SERVICE	
Division 5		TREATMENT STANDARDS	
Rule §7.178		Structural Fumigation Requirements	
Previous Rule		View Rule	
Next Rule		View Rule	
Chapter Review Date		01/10/2017	



Clearance Devices

REOCCUPANCY

Until the final clearance is verified, the structure is still considered under fumigation and appropriate precautions must continue to be taken, such as warning signs remaining posted on all entrances. Do not allow reoccupancy of any fumigated area until the aeration and clearing process is complete according to directions and concentrations of Vikane® gas fumigant do not exceed 1 ppm. Confirm concentration of sulfuryl fluoride of 1 ppm or less **with a clearance device**. Refer to EPA's website at Sulfuryl Fluoride | US EPA (<https://www.epa.gov/ingredients-used-pesticide-products/sulfuryl-fluoride>) for more information and **a list of effective clearance devices**. Only a certified applicator may authorize the removal of the warning signs. Consult local authorities for instructions regarding documentation of clearance such as posting clearance notices.

Step (3): After the minimum 6 hour waiting period, measure the concentration of ZYTHOR in the breathing zone of each room of the fumigated space using **a properly calibrated clearance device**. Confirm concentration of sulfuryl fluoride of 1ppm or less with a clearance device. Refer to EPA's website at [Sulfuryl Fluoride | US EPA \(https://www.epa.gov/ingredients-used-pesticide-products/sulfuryl-fluoride\)](https://www.epa.gov/ingredients-used-pesticide-products/sulfuryl-fluoride) for more information and **a list of effective clearance devices**. If a concentration of ZYTHOR greater than 1 ppm is detected in the breathing zone, ventilate the fumigated space by opening operable doors and windows and continue to measure the concentration of ZYTHOR in the breathing zone until it is 1 ppm or less. Fumigated space may be cleared for re-occupancy when the concentration of ZYTHOR as measured with a properly calibrated clearance device is determined to be 1 ppm or less in the breathing zone.



Concerns



Texas Structural Fumigation Concerns

- Cylinder Transport
- Tarp Condition
- Unlicensed Activity



Questions?

