

Fumigation Information for Property Owners



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What is the California Aeration Plan (CAP)?

Background

The California Aeration Plan (CAP) is a superior aeration process developed through extensive research and testing. The plan was approved by the California Department of Pesticide Regulation and is required for all structural fumigations.

What's Different

CAP aerates the structure while the tarpaulins remain on the structure. Strategic placement of fans inside the structure draws fresh air through inlets placed in the tarpaulins and aerates Vikane® gas fumigant and the warning agent (chloropicrin) through ducting. Tarpaulins will stay on the fumigated structure for the duration of the aeration process. Final clearance testing of the structure to certify reentry occur when the tarpaulins are removed from the structure.

Example of duct



Example of fresh air intake inlets



Day 1 — Install tarpaulins, including inlets and ducts; release fumigant

Day 2 — Aeration with tarpaulins in place (12 hour minimum time for aeration)

Day 3 — Remove tarpaulins, test and certify for reentry

Some windows must be open during the fumigation and aeration process. The open windows serve two purposes:

- First, the open windows aid in eliminating all the drywood termites, or other targeted pests, by quickly distributing the fumigant to all areas under the tarpaulins. This helps insure the drywood termites, which infest wooden objects on the outside of the structure such as window frames, rafter ends, and fascia boards, are eliminated.
- Second, the open windows aid in the aeration process to efficiently circulate fresh air in the fumigated space when inlets and ducts are opened.

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