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## KNOW THE DIFFERENCE IN TERMITES' STAGES AND *PLACES AND THEN* ***GET RID OF 'CHICHI' TERMITES!***

*ABOVE GROUND NESTING (AGN) SUBTERRANEAN TERMITES, SOIL SUBTERRANEAN TERMITES & TREE TERMITES - DRYWOOD TERMITES -  
DUCKANTS - WOODWORM - WOODANTS - WHITEANTS.*

We are often asked this question... ”...why should the method used to treat (above nesting Sub-terranean termites (AGN) or Drywood termites be different from the method used to treat underground dwelling Sub-terranean termites?”

### Sub-terranean Termites

Simply put, each subterranean termite King & Queen needs to sustain their physical self, and nest (galleries/colony) within a sealed chamber or inside sealed tubes. These nests can be in walls, under bathtubs, toilets, in doors, under stairs and even in roofs and on tree limbs. The nest has special constitution of moisture that keeps it cool on limbs or beneath trees or in roofs of buildings. They also store their food in these cool nests for feeding the Queen and other members of the colony. Without this cool, insulated environment of nests and mud trails they die.

Indications of their presence may be made known by the hollowing out of wood from the base of doorjamb or the construction of earthy tubes or vein like trails (mud tracks, mud tubes, spine like ) popping out of walls, outlets, or coming up walls from floors or going down walls from roofs. The construction of these airtight trails are designed to protect these blind insect's from light and and epidermis from air.

Sub-terranean termites specializes in destroying trees, ROOFS & WOODEN FLOORS, wooden fences outside and “fixed wood in place” inside e.g., KITCHENS & CEILINGS, stairs, wooden floors, doorjamb and columns etc.; But these same subterranean termites will eventually attack furniture, boxes and other cellulose materials that are left in dark areas or in a stationary position. This they accomplish by constructing their vein tubes to link or bridge themselves to whatever items they intend devouring, however, once the item is removed and the link or bridge is broken, the portion of sub-terranean termites that were infesting that particular item are sure to die, as they cannot live inside ANY item without making frequent return visits to the soil through their airtight tubes for the life-supporting soil moisture they need to exist.

#### Nests of the Sub-terranean Termite

Corrective treatment for Subterranean termite's nests requires that cured, edible woodbaits and chemical barriers be places under tiles or sub-flooring and around buildings to permanently protect the entire underside of he structure in all areas where it makes contact with the ground at soil level. (NOTE: Never do repairs before treatments, that is like disturbing an ant nest).

Unable to penetrate this barrier the Subterranean termite infestation is brought to an immediate halt.

### VS AGN or Drywood termites

Quite different in its moisture requirements but substantially similar in its nest biology and caste appearance which consists of Queen, King, Soldier, workers, nymphs and winged reproductives ..is the voracious Drywood termite. The CHICHI. They live and thrive successfully in books, benches, pianos, wooden carvings, roofs, picture frames ...even chairs, without ever having to leave the item until it is totally devoured.

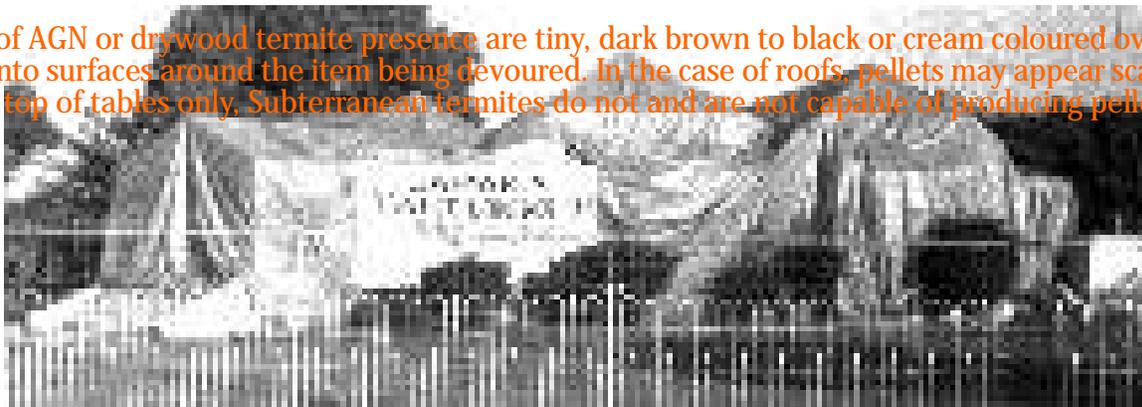


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While both termites swarm as rainflies, the subterranean termite has to find access to soil then later send workers to forage for edible wood, it is not so with the Drywood termite, it enters the wood after shedding its wing and starts its destruction immediately.

## Drywood termites in roofs

Indications of AGN or drywood termite presence are tiny, dark brown to black or cream coloured oval pellets falling and piling unto surfaces around the item being devoured. In the case of roofs, pellets may appear scattered on beds, floors or on top of tables only. Subterranean termites do not and are not capable of producing pellets.



Drywood termites can follow furniture shipments from Canada, Miami or England to its destination in Jamaica and continue to live, breed and eat during shipment. Unlike the subterranean termite which we said earlier would die within hours of the furnitures' removal from its subterranean termite vein-connecting source.

Quite unfortunately, whenever drywood termites infest a building, the only known foolproof method of treatment is complete tent fumigation, which leaves **NO AFTER TREATMENT PROTECTION**. An infested building has thousands of pin size entry holes that were made by swarming rain flies. Fifty percent of these are mature galleries, the other fifty percent are freshly made entry holes by other swarming rainflies from the mature galleries, their development is already well underway.

Futile attempts at treatment which excludes gas fumigation always fail. Unless the item is as thin as ¼" plyboard, the very awkward way in which termites bore into furniture or timber makes liquid, fog or brush application on infested timber a complete waste of time.

## Drywood Termites in Furniture

MBB<sup>®</sup> Edible Blocks & Pegs A Must ...for both treatments.

No matter how small the item, whether it be a picture frame or an entire house or structure, the impact of gas fumigation as **ONE positive step CANNOT BE OVER-EMPHASIZED**. After this is done the areas must be coated with special compound that will not nullify the effect of edible baited blocks attached to lure incoming rain flies.

Unfortunately, because locally, some homeowners find the exercise either too expensive, tedious or time consuming, many sit back after incomplete or partial spraying (with a guarantee) application has been done, thinking that those treatment will top or solve the problem even for a while, this is not so, it won't. Termites continue to silently devour the wood, only this time, because the first attempt failed and alerted them, the termites future activity is going to be even more difficult to witness or pinpoint. They will now establish a more sophisticated survival machinery to disguise and protect their inner-wood colonies.

In case, the colony comes under attack by competing insect (ants, etc..) or ant foreign substance (liquids etc..) .....**SOLDIER TERMITES IMMEDIATELY BLOCK & SEAL** passages that lead to main gallery-chambers (excavations) of their nests. Studies indicate, without a doubt, that liquid applications cannot find its way through drywood termites' haphazard, **VIRTUALLY-IMPERMEABLE SEALS** and mazelike channels. But **GAS FUMIGATION DOES**.

We hope that this explanation on the biology and survival behavior pattern of these two different termite types will assist you in arriving at a positive decision and take action of the right kind where treating termites are concerned.