

Integrated Management of Building Termites



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Preface

The climate of NWFP is suitable for the production of many fruits. Amongst these apple, guava, apricot, peach, pear, plum, persimmon and citrus are very important. The fruit trees are attacked by various termite species which inflict considerable losses to the growers.

This brochure provides necessary information on “Integrated Management of Termites Damaging Building by using NIFA Termite Control Techniques”.

Dr. Sana Ullah Khan Khattak
Director

Integrated Management of Termites Damaging Existing Building

ECONOMIC IMPORTANCE

Termites are recognized as the insect pests which cause huge economic losses to buildings in NWFP as well as in Pakistan.

Control the termites by the following steps:

i. Do not make your buildings attractive to termites.

Dispose off all wastage (wood pieces, broken furnitures, cardboard, papers etc) from your building.

ii. Give insecticidal treatment to let termites get out from your infested building.

Spray 10% Dursban TC in kerosine oil in all the seriously damaged wood works, inject through nosel in the crevices and slanting holes drilled where they are in touch with soil.

OR

Introduce 1% solution (in water) by using spray machine in the holes drilled 60.9 cm apart in the floor adjacent to walls. Huge number will be killed while the remaining one will get out from the building due to the bad smell of the insecticide.

iii. Do not allow the remaining termites to enter in untreated portion of your building.

- a) Install poplar wooden stakes (2.5 x 4 x 28 cm) 25 cm deep into the soil, 2.5 m apart around the building along the walls and side-walks. Examine the stakes fortnightly. Whenever any stake found infested, install NIFA-TERMAP on that place.



STAKE NIFA-TERMAP

- b) Check the NIFA-TERMAPS fortnightly, if the wooden bundle of the NIFA-TERMAP found infested, hurriedly replace it by a new one. Dust the termites from the bundle into a bucket of water by giving strokes to the slices, let the termites in water for 10 – 15 minutes to die. Clean the slices by washing in dry in water in shade for reuse in next episode (capturing).



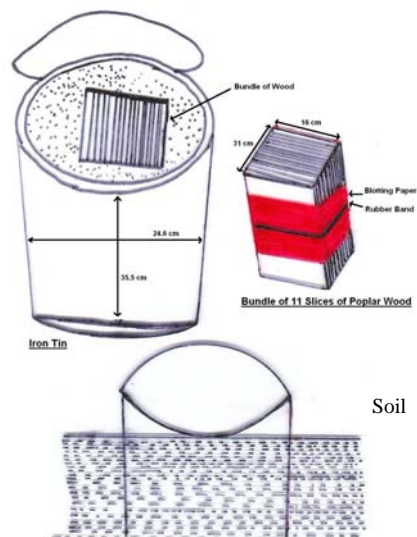
Wooden Bundle



Termites on Wooden Slice

- c) Just after second- capturing, replace the NIFA-TERMAP by a Modified NIFA-TERMAP on the points from where you got maximum number of termites. Remove the termites from both type of traps and kill them as mentioned in iii. b.

Millions of termites will be removed



Modified "NIFA TERMAP"

leaving the king, queen, nymph and soldiers helpless. Ultimately causing the death of The Queen (the egg laying machine) along its family. There will be no need of insecticide in future



Note: The number of episodes depends on the age of the colony. These may be few or many.