

SECURE

AN OUTSTANDING COMBINATION OF
HERBAL EXTRACTS TO RESIST HELOPELTIS (TMB)



Tea Mosquito bug (*Helopeltis theivora*)

Secure is a novel combination of various specialized herbs, that resist and sustain the Tea Bushes against "Helopeltis".

Tea Mosquito bug (*Helopeltis theivora*) has been a dreaded and destructive polyphagous sucking-pest of Tea in North East India affecting more than 80% of the area under tea plantation. Besides Tea, it also attacks Cashew, Guava, Mango, Jasminum, Micania, Acalypha, Durranta etc. Helopeltis attack is severe during May-September causing substantial loss of yield to the extent of 60%. If not controlled they can cause a total loss of crop.

Intensity of infestation is increasing day by day due to its capability to develop resistance quickly against frequently used insecticides, their high reproduction potential & polyphagous in nature.

On the contrary large scale and indiscriminate use of residual chemicals like Organochlorines, Organo phosphorous, Synthetic pyretheroids and Neonicotinoids has caused economical and ecological hazards by (i) developing resistant strains (21 to 40%), (ii) causing frequent outbreak of pest, (iii) by emergence of new pests & (iv) incurring environmental pollution and health hazards. All these have poised a great problem in controlling the pest in the entire tea growing areas of India.

In order to search for an environmentally safe alternative to these menace Shakti Biotech has made an approach to launch a "Bio-controller" of plant origin to replace the harmful residual chemical pesticides.

A pool of natural herbs having extra ordinary potential to resist infestation have been studied and found to reduce the pest attack to a great extent for a considerable period of time.

Secure is a combination of several herbs that have excellent antifeedant & deterrent action to keep the area free from infestation if applied properly & on time.

Active Ingredients :



Lantana Camara (Wild Sage)



Vitex Negundo (Nirgundi)



Allium Sativum (Garlic)



Mentha arvensis (Mint)

Advantages : 1. It resists and repels the infestation of Helopeltis. 2. It may kill the pest if they suck the sap to a large quantity. 3. Pest cannot develop resistance against it due to its multistatic action. 4. Do not disturb the natural biological pest control mechanism. 5. Do not mix with foliar (Nutrient/Micro-nutrient), Growth regulator or Copper formulations. 6. Do not leave any residue or taint in the end-product. 7. Eco-friendly, economic and fantastic in efficacy.

Dosage : 0.75 ml / l (300 ml / ha)

Use **Magic Shakti** at 20 ml / 200L as surfactant to enhance its efficacy.

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