

PRODUCT CODE

ORGANIC PESTICIDAL BP8 – LIQUID (ACCON)

Composition	Ingredient	Liquid
	Eugenol	00.50% w/v min.
	Potassium Salt of fatty acids	99.50% w/v max.

Target

Mites, Mealy Bugs, White flies, Scale insects, Thrips and other soft-bodied and sucking pests

Mode of Action

Eugenol being lipophilic in nature, interferes with basic metabolic, biochemical and physiological and behavioural functions of insects. It also acts as fumigant and as feeding deterrent. Different modes of action including repellency and antifeedant activities, disruption of molting and cuticle, retardation of growth and fecundity, inhibition of oviposition and disruption of embryonic development are associated with Eugenol's action as pesticide. Apart from the direct toxicity, exposure of females to the vapours leads in lower fecundity and egg hatchability. Eugenol also exhibits neurotoxic mode of action including agitation, hyperactivity, paralysis of the pests by affecting acetylcholinesterase activity or octopamine receptors. On inhalation, Eugenol penetrates through breathing and quickly intervenes in physiological functions of insect.

How to Apply

Mix the recommended quantity thoroughly in sufficient amount of water & spray on both sides of the leaves / affected areas.

Shelf Life

3 years from the date of manufacture.

Antidote

No specific antidote. Treat symptomatically.

Dosage

4-6 ml per litre of water



Safe Agriculture, Since 1998!

Studies Done
Bio-efficacy

Product	University	Disease Studied
BP8 Liquid	GKVK, University of Agricultural Sciences, Bangalore	Crop: Cotton Tetranychidae Mites
BP8 Liquid	University of Agricultural Sciences, Dharwad	Crop: Paddy Blue Beetle Leaf Folder White Backed Plant Hopper Phytotoxicity
BP8 (Accon) Liquid	Mahatma Phule Krishi Vidyapeeth, Rahuri	Crop: Chilli Thrips Phytotoxicity

Non-toxicity & Biodegradation

National Toxicology Centre, Pune

Free from Pesticides

Reliable Analytical Lab., Mumbai

Organic Approval as per NPOP (by APEDA)

1. IMO Control
2. VOCA

Test Protocol:

Test	Sample	Reference
Eugenol	Liquid & Powder	Determine by gas chromatography (2.4.14). Reference: IP 2007 p: 1395
Total Fatty Matter	Liquid & Powder	As per IS 286: Methods of Sampling and Test for Soaps.