

FAQ's - ACCON

1. What is ACCON?

ACCON is a organic pesticide, which is non crop specific, highly effective on sucking pests and works as preventive and curative.

2. What is the composition of ACCON?

Clove Oil containing Eugenol	00.50% w/v (Min.)
Silicone Surfactant	02.00% v/v (Max.)
Potassium Soap	97.50% v/v (Max.)
Total:	100.00%

3. What is the dosage of ACCON?

4 to 6 ml per litre of water.

4. How should I mix or apply this product?

Mix the recommended quantity (4-6 ml per Lit. of water) thoroughly in sufficient amount of water & spray on both sides of the leaves / affected areas.

5. What is the application method of ACCON pesticide?

Foliar spray; As a preventive you can spray it. As it is organic input, there will not be any side effect.

6. Why is dosage of ACCON so high (4-6 ml per litre of water)?

Genuine Organic Formulations do not contain any poisonous chemicals and hence higher dosages are required for managing the sucking and soft-bodied pests. Their action is not to kill the pests with knock-down effect but rendering them incapable of creating any further damage to the crops / plants.

7. What is the mode of action of ACCON in controlling soft bodied sucking pests?

Eugenol being lipophilic in nature interferes with the 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 have been reported for Eugenol. On contact Eugenol penetrates inside the insect body as contact insecticide, also acts as repellent, as antifeedant and affects some biological parameters such as growth rate and oviposition. 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.

8. Does ACCON pesticide have any solubility issues?

Having processed from natural ingredients and emulsified with high quality Potassium Salt of Fatty Acids (Potassium Soap), the products do not have any solubility issues. Only in case the water quality is not good – too hard water or highly alkaline water, there might be problem with

complete solubility. In such cases use a surfactant like Wespa 80 at the dosage of 0.25-0.50 ml per liter of spray solution will make the solution complete solubility.

9. Is ACCON pesticide registered with CIB and can you provide Principal Certificate or O Form for selling these products?

The ingredients used in our formulation are nature-derived and not listed in the Schedule of the Insecticide Act, 1968. The actives are not listed under the schedule to the Insecticide Act and therefore, are not be registered with CIB. As a result, Principal Certificate is not provided by the State. These ingredients are listed by OMRI as organic, considering non-toxicity and biodegradability. The ingredients in our formulations have been internationally approved and recommended by various bodies propagating organic agriculture. Based on the same, our products have been approved for use in Organic Production under the NPOP norms by IMO Control.

10. Can we mix ACCON and Ecofit, Orcon and Jaivizyme and spray?

Yes, Accon can be mixed with Ecofit, Orcon, Jaivizyme and sprayed.

11. Which are the target pests by ACCON?

ACCON will effectively manages Mites, Mealy Bugs, White Flies, Scale insects, Thrips and other soft-bodied pests.

*Accon is not targeted against larva / Leaf eating caterpillars.

12. Does ACCON spray work in high temperatures?

Temperatures exceeding 40°C could delay the activity of the spray. Therefore the spraying operation is always recommended to be carried out early morning.

13. After spraying of ACCON, if it rains after two hours will the product sprayed remain on the plant or wash out?

Post rains, any spray will have the tendency to wash out. In such conditions, it is advisable to use a high quality wetting and spreading agent (like Wespa 80) to maintain the longer contact of spray on the leaves,

14. How long will the result of product sprayed on plants last?

The spray will remain active for nearly a week as the ingredients are biodegradable in nature.

15. Do ACCON have phytotoxic effect?

Accon is made from purely natural ingredients and the dosage at which these are recommended have no phytotoxic effect. While the recommended dosages are from 4-6 ml per litre of water, even at 10-12 ml per litre of water accon will not exhibit any phytotoxicity.

16. Can ACCON mixed with other products before spraying?

Compatibility of our formulations with other pesticides / agri-inputs depends on several factors like

- Alkalinity of water used for preparation of the spray
- Amount of time the “mixture” is held before spraying

While mixing of our products with following “ad-mixture” should be avoided:

- Sulphur-based, Copper-based, Zinc-based formulations
- Organism-based formulations
- Soluble fertilizers

It is always advisable to try a small sample for mixing any two formulations before farm-level application to ensure the physical stability and tolerance by plants.