

AzaKaranj

AZAKARANJ is oil based emulsified concentrate formulation (110% EC) consisting of a judicious mixture of neem oil obtained from Azadirachta Indica seeds and karanj oil obtained from Pongamia Glabra seeds and surfactant/emulsifier. The insecticidal action is due to the presence of several neem limonoids of which Azadirachtin is most important. Azadirachtin concentration is maintained at a level of ~ 1000 ppm in the formulation.

Mode Of Action:

A very wide spectrum of phytophagous insect pests is likely to be affected by this formulation. The formulation controls the pest population by triple action activity of feeding deterrence, oviposition inhibition and insect growth regulatory activity as follows:

As an anti-feedant, Azadirachtin is quite strong because when the insect eats the neem treated material, they loose their appetite. Hence, the insect will prefer to die of starvation rather than feeding on the treated surface.

Second, AZAKARANJ has a repellent action. i.e. insects will fly away; therefore they will not eat the treated crop and also not lay eggs in the farm. As a result the population of the insects is reduced.

AZAKARANJ also interferes with the molting hormone therefore the larvae fails to pass on to the next instars and die prematurely. Adult insect avoid laying egg on Azadirachtin treated surface and this way the treated plants escape the attack from the larvae subsequently.

AZAKARANJ have been found to be effective against a number of insect-pests on a variety of crops. AZAKARANJ controls aphids, thirps, plant hoppers, white flies, caterpillar, fruit borer, leaf miner, jassids and many other pests.

Keep container sealed tightly when not in use. Do not expose to sunlight for long periods of time. Store in temperatures no less than 10 C (50 F)

Dispose of Waste Material according to local, state, and Federal environmental laws and regulations.

DISCLAIMER

This product is an oil liquid product with added emulsifiers. The product will have characteristics of any oil product, whereas it will thicken when place in cooler temperatures. When Temperature is near freezing AzaKaranj will almost form into a paste like substance. If this occurs, to reverse, this product must be immersed in warm water to thin oil back to it's natural state.

Compatibility

Always check compatibility of this product with any other chemicals you wish to add to the spray tank.

APPLICATION

AZAKARANJ gives best results when used as a preventive. Monitor the field continuously for pest attack. When the population is low or when the damage symptoms just begin to appear, apply AZAKARANJ @ 4 ml per liter of water and spray it in such a way that it covers whole crop canopy or foliage. AZAKARANJ gives protection for 10-15 days. However, continuous monitoring is essential. Subsequent sprays should be applied as and when necessary.

Warranty

BUYER ASSUMES ALL RESPONSIBILITY FOR USE, STORAGE, HANDLING AND DISPOSAL OF THIS PRODUCT WHEN NOT IN ACCORDANCE WITH LABEL DIRECTIONS. UAS of AMERICA AND ITS DISTRIBUTOR'S LIMIT OF WARRANTY EXTENDS ONLY TO REPLACEMENT OF DEFECTIVE PRODUCT.

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