

CIR-180987/2021-Neem Seed Kernel Based EC (Containing Azadirachtin) (427)-2309

Neem Seed Kernel Based EC Containing Azadirachtin- 1% (10000 ppm) min.

(Insecticide)

This product is a botanical insecticide based on Neem Seed Kernel derived from Azadirachtin. It contains a minimum of 10 gram of Azadirachtin per kilogram of the material (w/w). It is an environmental friendly product useful in the control of fruit borer in tomato and fruit and shoot borer in brinjal.

Recommendation

Crop(s)	Common Name of Pest	Dosage/HA		Dilution in Water /ha(litre)	Waiting Period between last spray to harvest day	Re-entry after each Application (In Hours)
		AI	Formulation litre			
Tomato	Fruit borer(Helicoverpa armigera)		1 - 1.5	500	3	
Brinjal	Fruit and Shoot borer (Leucinodes orbonalis)		1 - 1.5	500	3	

Direction of Use

When used as recommended through a high volume sprayer, this product controls the pests effectively. Take the required quantity of the product in some water and stir well. Add the required quantity of water and stir well. Add the required quantity of water and stir well to form a ready to use spray.

P.P. Equipment:- Knapsack sprayer fitted with a hollow cone nozzle is recommended.

Precaution

1. Avoid contact of the material with skin.
2. Wear protective materials like apron, hood, boots and gloves while spraying.
3. Do not eat, chew or smoke while spraying.

Symptoms Of Poisoning

Mild irritation to the mucous membrane of the eye, skin irritation could occur. Reduced motor activity, shallow respiration, nasal discharge, photophobia and diarrhoea may occur in laboratory animals.

First Aid

Wash contaminated parts with plenty of soap and water. If eyes are contaminated, wash with plenty of water.

Phytotoxicity

When used as stated above, this product does not cause any phytotoxicity to the above crops.

Antidote

Treat symptomatically. Give gastric lavage if swallowed. Call a physician.

Disposal Of Used Container

1. Do not leave the containers outside in order to prevent reuse.
2. Destroy the empty containers and bury them 18" below the ground level in non crop land away from habitation and underground water source.
3. Dispose off empty containers, surplus material and washings from spray equipments in a safe manner so as to prevent environmental or water pollution, food and animal feed, contamination.
4. Never use the empty containers for storing food or water.

Storage Conditions

Store in a cool and dry place away from heat and open flame. The room meant for storing the material should be well built, well ventilated, well aerated and of sufficient dimensions. Store the material in separate rooms, away from food and feed materials in almirahs under lock and key.

Chemical Composition:

Azadirachtin (a.i.)	1.00 % w/w min.
Neem Oil	30.00 % w/w
N. Butanol (Solvent)	31.00 % w/w
Butyl acetate (Solvent)	23.00 % w/w
Emulsifier (Polyoxyethylene(20) Sorbitan monoleate)	15.00 % w/w
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Total:100.000 % w/w	
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