

CIR-186074/2021-Neem extract concentrate (containing Azadirachtin) (429)-2343

Neem extract concentrate containing Azadirachtin-5% w/w min.

(Insecticide)

it is a botanical insecticide derived from Neem seed Kernels. it contains a minimum of 50 gm. of Azadirachtin per kilogram of the material (w/w).

Recommendation

Crop(s)	Common Name of Pest	Dosage/HA		Dilution in Water lit	Waiting Period between last spray to harvest days	Re-entry after each Application (In Hours)
		AI	Formulation ml			
Cotton	White Fly		375	750	5	
	Leaf hoppers		375	750	5	
	Heliiothis		375	750	5	
	Aphids		375	750	5	
Tea	Pink mite		200	400	5	
	Red Spider mites		200	400	5	
	Caterpillar		200	400	5	
	Thrips		200	400	5	
Rice	Brown Plant Hopper		200	400	5	
	Leaf folder		200	400	5	
	Stem Borer		200	400	5	
Tomato	Fruit borer		200	400	5	
	White fly,		200	400	5	
	Aphids,		200	400	5	
Tobacco	Aphids		200	400	5	
	Tobacco Caterpillar		200	400	5	
Cauliflower	Diamond back moth		200	400	5	

	Aphids		200	400	5	
	Spodoptera		200	400	5	
Bhindi	Aphid		200	400	5	
	Pod Borer		200	400	5	
	Leafhopper,		200	400	5	
	Whitefly,		200	400	5	

Direction of Use

P.P. Equipment:- High volume sprayers like knapsack sprayer can also be used.

Precaution

1. Keep away from foodstuffs, empty foodstuff containers and animals food.
2. Avoid contact with mouth, eyes and skin
3. Avoid inhalation the spray mist. Spray in the direction of wind.
4. Wash thoroughly the contaminated clothes and parts of the body after spraying.
5. Do not smoke, drink, eat and chew anything while spraying.
6. Wear full protective clothing while mixing and spraying.

Symptoms Of Poisoning

Headache, giddiness, nausea, vomiting ,convulsions and skin irritation may occur.

First Aid

1. If swallowed, induce vomiting by tickling the back of throat. Repeat it until the vomitus is clear.
Do not induce vomiting if the patient is unconscious.
2. If clothing and skin are contaminated, remove the clothes and wash the contaminated skin with copious amount of soap and water.
3. If eyes are contaminated, flush with plenty of saline/clean water for about 10 to 15 minutes.
4. If inhaled, remove the patient to fresh air.

Phytotoxicity

The product is not phytotoxic when used as per field recommendation.

Antidote

No specific antidote is known. Treat symptomatically.

Disposal Of Used Container

1. Do not leave empty container outside in order to prevent their re-use.
2. Destroy used containers and bury them at least 18" below ground level away from habitation in non-crop land where there is no undergoing water course.

Storage Conditions

Store in a cool and dry place away from heat. The rooms meant for storage should be well built, well-ventilated and well lit and of sufficient dimensions.

Chemical Composition:

Azadirachtin a.i. min.	5.00 % w/w
other Limonoids including Nimbin	10 - 15.00 % w/w
Salanin, fatty acids, Glycerol Esters etc.	
Surfactant (Polyethylene oxide)	QS % w/w
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Total: 100.000 % w/w	
