

CIR-191787/2021-Acephate +Imidacloprid (SP) (429)-1881

Acephate 50% +Imidacloprid 1.8% SP

(Insecticide)

This Insecticide is used for the control of various sucking pest and bollworms in Cotton; BPH, GLH, Stem borer & Leaf folder in Paddy. * Caution :- It is toxic to honey bees, spray application should be avoided during the foraging period of bees.

Recommendation

<u>Crop(s)</u>	<u>Common Name of Pest</u>	<u>Dosage/HA</u>		<u>Dilution in Water (Ltr)</u>	<u>Waiting Period between last spray to harvest (in days)</u>	<u>Re-entry after each Application (In Hours)</u>
		<u>AI (g)</u>	<u>Formulation (g)</u>			
Cotton	Aphid, Jassid, Thrips, White fly, Bollworms	518	1000	500	40	
Paddy	BPH, GLH, Stem borer & Leaf folder	518	1000	500	-	-

Direction of Use

(a)Preparation of spray mixture: Take the required quantity of product, dilute with a small water and stir well using a stick. Then add the remaining quantity of water as per spray volume required and mix well again by stirring.

(b)Plant protection equipments: Use of high volumes hand operated sprayer like knapsack sprayer or foot sprayer is recommended. Tractor mounted sprayer can also be used.

Time of Application

First spray should be given immediately after noticing the appearance of insect pests. The successive sprays can be given at 7-10 days interval depending on pest pressure.

Precaution

Do not mix with bare hands. Use a wooden stick for stirring the spray solution. Do not eat, drink or smoke during application. Avoid contact with eyes and skin. Destroy empty containers after use.

Symptoms Of Poisoning

Headache, giddiness, nausea, vomiting, blurred vision, seeping, excessive lacrimation and salivation.

First Aid

Remove the patient to fresh air. Remove contaminated clothing. If skin is contaminated wash well with soap and water. If eyes are contaminated flush with copious amount of water. If ingested victim should be induce to vomit by tickling the back of throat. In emergency take the patient to the nearest hospital.

Phytotoxicity

Acephate 50% +Imidacloprid 1.8% SP is not Phytotoxicity to crop at recommended dosage.

Antidote

1. Atropinize the patient immediately & maintain full atropinization using repeated doses of 2-5 mg at 5-10 minutes interval. Until fully atropinized.
2. Administer 1-2 g of 2-pyridine-2-aldoxime-N-methyl-o-iodine (2PAM) to be dissolved in 10 c.c. of distilled water & inject intravenously (very slow) taking 10-15 minutes.

Disposal Of Used Container

1. It shall be the duty of the manufacturers, formulators of insecticides and operators to dispose packages or surplus materials and washing in a safe manner so as to prevent environmental and water pollution.
2. The used package shall not be left outside to prevent re-use.
3. Packages shall be broken and buried away from habitation.

Storage Conditions

1. The package containing the insecticides shall be stored in separate rooms or premises away from the rooms or premises used for stored other articles or shall be kept in separate almirahs under lock and key depending on the quantity and nature of insecticide.
2. The rooms or premises meant for storing insecticides shall be well built, dry, well lit, and ventilated and sufficient dimensions.

Chemical Composition:

Acephate (active ingredient)	50.00 % w/w
Imidacloprid (active ingredient)	1.80 % w/w
Surfactant: (Alkyl Naphthalene Sulfonate)	3.00 % w/w
Inert:(Precipitated Silica)	QS % w/w
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Total:	100.000 % w/w
