

CIR-181650/2021-Buprofenzin + Acephate (WP) (428)-1294

Buprofenzin 15% + Acephate 35% WP for indigenous manufacture

(Insecticide)

Buprofenzin 15% and Acephate 35% is a wettable powder containing Buprofenzin 15% (a.i.) and Acephate 35% (a.i.) in the formulation. It is used for the control of Brown plant hopper and white back plant hopper in Paddy; Jassid, Whiteflies in Okra; Jassids, Thrips & Whiteflies in Cotton crops.

Recommendation

Crop(s)	Common Name of Pest	Dosage/HA		Dilution in Water (litre)	Waiting Period between last spray to harvest (days)	Re-entry after each Application (In Hours)
		AI (g)	Formulation (g)			
Cotton	Jassids, Thrips and Whiteflies	187.5 + 437.5	1250	500	-	-
Paddy	Brown plant hopper, white back plant hopper	(187.5 + 437.5)	1250	500	20	
Okra	Jassid, Whiteflies	112.5 + 262.5	750	500	7	-

Direction of Use

Equipment used in the application: Hand operated knapsack sprayer.

The required quantity of ready mix chemical Buprofenzin 15% + Acephate 35% need to be diluted in water and sprayed by using hand operated Knapsack sprayer with a spray volume @ 500l/ha.

Time of Application

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Precaution

1. Avoid inhalation and skin contact while diluting because of spillage or splashes.
2. Do not mix with bare hands.
3. Do not eat, drink, chew or smoke during application.
4. Wash contaminated skin and clothes after use.
5. Destroy empty containers after use.

Symptoms Of Poisoning

Harmful, if swallowed, dullness, respiratory distress, Minimal irritation to eyes may occur.

First Aid

1. Skin contact: Wash the contaminated skin thoroughly with soap and plenty of water. Remove the contaminated clothing. Consult a doctor in the event of any complaints. 2 Inhalation: breathing is difficult, give oxygen. Get medical attention. Remove the patient to fresh air. 3 Eye contact: Flush the eyes with plenty of rash water for atleast 10 minutes. If pain persists consult an eye specialist. 4 Ingestion: If swallowed do not induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention immediately.

Phytotoxicity

The product is not phytotoxic when used as per recommendation.

Antidote

No specific antidote. Treat symptomatically and supportively.

Disposal Of Used Container

1. Packages or surplus material and washings from the machine and containers shall be disposed off in a safe manner so as to prevent environmental or water pollution. 2. The used packages shall not be left outside to prevent their re-use. 3. The packages shall be broken and buried away from vegetation and human habitation.

Storage Conditions

1. The packages containing the insecticides shall be stored in separate rooms or premises, away from the room or premises used for storing other articles of food or shall be kept in separate almirahs under lock and key depending upon the quantity and nature of the insecticides. 2. The room or premises meant for storing the insecticides shall be well built, dry, well-lits, ventilated and of sufficient dimensions to prevent pollution with the vapors.

Chemical Composition:

Acephate a.i.		35.00 % w/w
Buprofenzin a.i.		15.00 % w/w
China Clay		12.30 % w/w
Surfactant-A	Alpha Oilfin Sulfonate, Globber Salt, Precipitated Silica	8.00 % w/w
Surfactant-B	Alkyl Phenol Ethoxy Sulphate, Globber Salt	2.00 % w/w
Precipitated Silica	Precipitated Silica	Q.S. %
		<hr/> Total: 100.000 % w/w <hr/>