

CIR-190026/2021-Fenobucarb (BPMC) + Buprofezin (SE) (430)-256

Fenobucarb (BPMC) 20% + Buprofezin 5% SE for indigenous manufacture

(Insecticide)

This insecticide combination is used for insect control in Rice against BPH and GLH, which contains Fenobucarb (BPMC) 20% and Buprofezin 5% and remaining adjuvant.

CAUTION:-

1. The product shall not be used in area where pisciculture/inter-cropping pisciculture is practiced along with rice cultivation.
2. Do not spray during active bee-foraging period of the day.

Recommendation

Crop(s)	Common Name of Pest	Dosage/HA		Dilution in Water in water (liter)	Waiting Period between last spray to harvest days	Re-entry after each Application (In Hours)
		AI (gm)	Formulation (gm)			
Rice	Brown plant hopper and Green leaf hopper	400+100	2000	500	30	

Direction of Use

Spray equipment :- High volume knapsack sprayer with hollow cone nozzle, power operated sprayer machine may be used.

Limitation for use :- It should not be used in crops where it has not been recommended. It should not be used in combination with any insecticides or plant growth regulator.

Caution :- (1) The product shall not be used in areas where pisciculture/inter-cropping pisciculture is practiced along with rice cultivation.(2) Do not spray during active bee-foraging period of the day.

Time of Application

Apply the insecticide when first incidence observed and repeat application as necessary.

Re-enty period :- 72 hours after each application

Precaution

1. Avoid inhalation, skin & skin contact.
2. Do not use bare hands and always use rubber gloves & face masks while handling the insecticide.
3. Do not eat, drink, chew or smoke while handling the insecticide.
4. Wash contaminated skin & clothes with soap and plenty of water.
5. Keep away from animals fed and foodstuff.
6. Spray in the direction of wind and wear full protective clothing while mixing the insecticide.

Symptoms Of Poisoning

Nausea, vomiting, diarrhea, abdominal,cramps, headache, dizziness, profuse sweating, salivation, lacrimation, rhinorrhea, miosis, blurred vision, tremors, ataxia, muscle twitching, bronchospasm with tightness in the chest, wheezing & pulmonary oedema. Severe poisoning result in loss of

consciousness, incontinence, convulsions & respiratory depression. Cardiovascular signs are bradycardia, tachycardia & hypertension. Irritation to skin and eye may occur.

First Aid

1. If eyes :- Rinse eye with clean water for several minutes. Call a doctor for further treatment advice, if required.
2. In on skin or clothing :- Remove contaminated clothing and thoroughly wash the affected parts of the body with the soap and water. Call a doctor for further treatment advice, if required.
3. If inhaled :- Remove the affected person to a well ventilated area or fresh air. If person is not breathing give him artificial respiration. Call a doctor for further treatment advice, if required.
4. If ingestion :- If person is conscious and alert, rinse mouth with water and give 1 or 2 glass of water to drink. Never give anything by mouth to a unconscious person. Call the doctor. Do not induce vomiting until and unless desired by attending physician.

Phytotoxicity

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Antidote

1. Atropinized the patient immediately and maintain full atropinization by repeated doses of 2 to 4 mg of atropine sulphate intravenously at 5 to 10 minutes interval. As much as 25 to 50 mg of atropine may be required in a day. The need of further atropine administration is guided by the continuance of symptoms. Extant of salivation is a useful criterion for dose adjustment.
2. Do not use oxime as 2-pam.

Disposal Of Used Container

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

Storage Conditions

1. The package containing insecticide should be stored in original containers in separate rooms and premises, away from the rooms of premises used for storing other articles particularly food or shall be kept in separate almirahs under the lock and key.
2. The packages containing the insecticide should be stored/transported in such a manner that they do not come in contact with foodstuffs and animal feeds.
3. The rooms or premises meant for storing the insecticide shall be well built, well lit and ventilated and off sufficient dimensions to avoid contamination with vapour.

Chemical Composition:

Fenobucarb (BPMC) a.i.	20.00 % w/w
Buprofezin a.i.	05.00 % w/w
N-butyl alcohol (Co-solvent)	03.41 % w/w
Propylene glycol (Anti-freeze agent)	01.60 % w/w

Tri steryl phenol ethoxilate potassium salt (Dispersing agent)	00.60 % w/w
Blend of poly ethanoxy alkyl ether (Wetting agent)	05.28 % w/w
Dimethyl polysiloxane (Defoamer)	00.10 % w/w
Formaldehyde (Preservative)	00.06 % w/w
Xanthan gum (Thickner)	00.10 % w/w
Sunflower oil	02.00 % w/w
Blend of emulsifier (Blend of anionic and nonionic surfactant i.e. pentadecyl phenol ethoxylate, alkyl phenyl sulfonate calcium & aromatic solvent)	05.46 % w/w
Blend of emulsifier (Blend of polyoxy ethylene alkyl phenol ether and Di- hydroxyl diethyl ether)	04.78 % w/w
D. M. Water	Q.S. %
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Total: 100.000% w/w	
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