

CIR-181651/2021-Buprofezin (DF) (428)-1295

Buprofezin 70% DF

(Insecticide)

Buprofezin 70% DF is an insecticide used for the control of Jassid in Okra, Jassid & white fly on Cotton, Brown plant hopper on Rice.

Recommendation

<u>Crop(s)</u>	<u>Common Name of Pest</u>	<u>Dosage/HA</u>		<u>Dilution in Water in water (liter)</u>	<u>Waiting Period between last spray to harvest days</u>	<u>Re-entry after each Application (In Hours)</u>
		<u>AI (gm)</u>	<u>Formulation (gm)</u>			
Cotton	Jassid & white fly	250-300	357-429	500	20	-
Rice	Brown plant hopper	175	250	500	24	-
Okra	Jassids	200	286	500	5	

Direction of Use

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Time of Application

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Precaution

- 1.Avoid inhalation and skin contact while dilution because of spillage's or splashes. Do not mix with bare hands.
- 2.The user should use full protective clothing which include rubber gloves, rubber boots. Face should be covered with dust mask or respirator and an overall rubber apron hood or hat.
- 3.Use in high concentration with low and ultra volume application equipment is dangerous and should be avoided

Symptoms Of Poisoning

Symptoms may be combination of dizziness, headache, nervousness, anxiety, salivation, tremors, convulsions, allergy, localized skin effect like itching, nausea, slight skin erythema and hypoactivity.

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 clean water. Call a physician. If swallowed, induce vomiting.

Phytotoxicity

Buprofezin 70% DF is not phytotoxic when used as per recommendations.

Antidote

No specific antidote. Give symptomatic and supportive therapy.

Disposal Of Used Container

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

Storage Conditions

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

Chemical Composition:

Buprofezin a.i. content	70.00 % w/w
Alkyl naphthalene sulfonate sodium salt	2.00 % w/w
Craft sodium lingo sulfonate	6.00 % w/w
Alcohol sulfate sodium salt	2.00 % w/w
Precipitated silica	1.00 % w/w
Citric acid	0.45 % w/w
Silicon defoamer	1.00 % w/w
China Clay	Q.S. to make %

Total: 100.000% w/w
