

CIR-181743/2021-Butachlor (GR) (428)-563

Butachlor 5% GR

(Herbicide)

It is a selective pre-emergence herbicide, it contain Butachlor a.i. w/w and balance adjuvants.

* Caution :- Toxic to aquatic organisms hence should not be used near water bodies, aquaculture or pisciculture area.

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 (kg)	Formulation (lit)			
Paddy (Transplanted)	cyperus difformis, cyper iria, Echinochloa crusgalli, Enchnochloa colonum, Elusin indica, Eclipta alba Fibristylis miliacea, Ludwigia pulviflora, Sphenoclea zeylanica	1.25-2	25-40	-	90-120	

Direction of Use

1. The interval between the last application and harvesting crop 3 to 3.5 months.
2. Application with 3-4 days after transplantation.
3. It should be sprayed to stop the weeds germination.

Time of Application

Equipment used in Application: Hand operated granules applicator, or leaf whori applicator, by mechanical disperser or by hand wearing rubber gloves.

Precaution

1. Avoid inhalation and skin contact while diluting because of spillage or splashes. Do not mix bare hands.
2. The users should use protective clothing which includes rubber gloves, boots either face shield or dust mask an overall or rubber apron hood or hat.

Symptoms Of Poisoning

The early symptoms may be a combination of headache, giddiness, vertigo nausea, vomiting, blurred vision, sweating & excessive lacrimation and salivation.

First Aid

1. If swallowed induce vomiting by tickling the back in throat.
2. Wash the contaminated skin and cloth thoroughly with water and irrigate eyes for 15 minutes with clean water.

Phytotoxicity

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Antidote

1. Give the patient common salt in a glass of warm water followed by activated charcoal-2 part, magnesium oxide-1, part & Tannic acid-1 part mixture.
2. Treat symptomatically.

Disposal Of Used Container

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

Storage Conditions

1. The packages containing the insecticides shall be stored in separate rooms or premises away from rooms or premises used for storing other articles particularly 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 rooms or premises meant for storing the insecticides shall be well-built, dry, well lit and ventilated and of sufficient dimension to avoid contamination with vapour.

Chemical Composition:

Butachlor Technical (Based on 85% w/w purity)	5.88 % w/w
Calcium Silicate	5.00 % w/w
Blank Granules (Bentonite)	89.12 % w/w
Total:	100.000% w/w