

CIR-181741/2021-Butachlor (EC) (428)-561

Butachlor 50% EC

(Herbicide)

It is a selective, pre-emergence herbicide which contains 50% 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 (ltr)	Waiting Period between last spray to harvest (in days)	Re-entry after each Application (In Hours)
		AI (Kg)	Formulation (ltr)			
Paddy (Transplanted)	Cyperus difformis, Cyperus iria, Echinochloa crusgalli, Echinochloa colonum, Elusine indica, Eclipta alba, Fimbristylis miliacea, Ludwigia purviflora, Sphenoclea zeylancia.	1.25-2.00	2.5-4.00	250-500	90-120	

Direction of Use

Plant Protection Equipment : Knapsack sprayer, fitted compression knapsack battery sprayer fitted with flat fan/ flood jet nozzle.

Time of Application

1. The interval between the last application and harvesting crops 3- 4 months.
2. Application within 3-4 days after transplation.
3. It should be sprayed to stop the weeds germination.

Precaution

Do not drink, eat and smoke anything while handling. Do not mix with bare hand. Avoid inhalation and skin contact. Do not mix with any weedicides. It should not be used in the areas where pisciculture/aquaculture is practiced along with rice cultivation

Symptoms Of Poisoning

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

First Aid

If swallowed induce vomiting by tickling the back of throat. Wash contaminated skin and cloth, if eyes for 15 minutes with clean water.

Phytotoxicity

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Antidote

Treat symptomatically. Give the patient common salt in a glass of warm water followed by active charcoal 2 parts, Tannic acid 1 part and Magnesium Oxide 1 parts.

- 1 It shall be the duty of manufactures formulators of herbicide and operator to dispose packages or surplus materials and washings from the machine and container 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 burried away from habitation.

Storage Conditions

- 1 The package containing the herbicide shal be stored in seperate rooms or premises away from the rooms or presmises used for storing other articles particularly artciles of or shall be kept in separate almirah under lock and key depend upon the quantity and nature of the herbicide.
2. The rooms or premises meant for storing the fungicide shall be well built dry ,well lit and ventialted and of sufficient dimesions

Chemical Composition:

Butachlor Tech. (based on 85 % a.i.)	58.03 % w/w
Petroleum solvent (Kerosene)	36.98 % w/w
Emulsifier : SNT A (polyoxy ethylene ether derived from ethylene oxide)	4.38 % w/w
SNT B (blend of alkyl aryl suphonated polyoxy ethylene ether)	0.61 % w/w
Total:	100.000% w/w