

CIR-181539/2021-Pretilachlor (EW) (428)-1170

Pretilachlor 37% w/w EW
(Selective Herbicide)

PRETILACHLOR 37% EW is a selective pre-emergence herbicide that is recommended for the control of grasses sedges and some broad leaf weeds in transplanted rice. It contains 37% of the active ingredient pretilachlor which is equal to 400 g per litre of the formulation.

* Caution : The product is irritant to skin and eyes, hence contact to skin and eyes should be avoided.

Recommendation

<u>Crop(s)</u>	<u>Common Name of Pest</u>	<u>Dosage/HA</u>		<u>Dilution in Water (L)</u>	<u>Waiting Period between last spray to harvest (days)</u>	<u>Re-entry after each Application (In Hours)</u>
		<u>AI (g)</u>	<u>Formulation (ml)</u>			
Transplanted Rice	Echinochloa colonum, E. crusgalli, Cyperus difformis, C. iria, Digitaria sanguinalis, Frimbristylis miliacea, Eclipta alba, Ludwigia parviflora, Monochoria vaginalis	600-750	1500-1875	500	90	

Direction of Use

Apply as pre-emergence spray between 0-5 days after transplanting using a knapsack sprayer fitted with flat fan nozzle. Instruction for use :
Avoid flooding the field up to 24 hours after application.

Time of Application

When used as per the recommendations given below, Pretilachlor 37% EW provides the pre-emergence control of grasses, sedges and some broad leaf weeds in transplanted rice.

Precaution

Do not use cooking utensils for preparing the spray solution. Use stick for stirring the spray solution. Avoid contact with skin, eye and clothing. Avoid inhalation of fog and vapors. Wear hand gloves to avoid contact with the skin. Wear protective clothing, mask, goggles, and boots, while handling the product. Do not eat, drink, or smoke while applying the product. Wash hands with soap and plenty of water and change clothes after the work is over. Avoid contamination of air and water bodies with the herbicides. Also wash the contaminated clothes.

The repeated use of any herbicide or with herbicide with the same mode of action could lead to selection of resistant weed. Certain agronomic practices may reduce the likelihood that resistant weeds will arise. In fields where resistant weeds are suspected, integrate strategies that are available to manage such population. For specific recommendations, please contact our local representative.

Symptoms Of Poisoning

No case of human poisoning is on record. In laboratory animals, symptoms such as diarrhoea, decrease in spontaneous movement, tremors, clonic convulsions and ruffled fur were observed.

First Aid

Remove the affected person to a well-ventilated area or fresh air and protect him from undercooling. In case of skin contact : Remove contaminated clothing and thoroughly wash the affected parts of the body with soap and water. In case of eye contact ; Rinse eyes with clean water for several minutes. In case in injection : Repeatedly administer medicinal charcoal in a large quantity of water. Get the coming of the medical doctor immediately. NOTE : Do not induce vomiting or never give anything by mouth to an unconscious person..

Phytotoxicity

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Antidote

No specific antidote is known. Apply symptomatic therapy

Disposal Of Used Container

- 1) Packages of surplus materials and washings from the machines and containers should be disposed off in a safe manner as to prevent environmental and water pollution.
- 2) The used packages shall not be left outside to prevent their reuse.
- 3) Packages shall be broken and buried away from habitation.

Storage Conditions

- 1) The packages containing the herbicides should be stored in original containers in separate rooms or premises away from the rooms or premises used for storing other articles particularly articles of food or shall be kept in separate almirahs under lock and key.
- 2) The rooms or premises meant for storing the herbicide shall be well built, dry, well lit and ventilated and of sufficient dimension to avoid contamination with vapor.

Chemical Composition:

Pretilachlor a.i.	37.00 % w/w
Surfactants:Naphthalene sulfonic acid	1.00 % w/w
formaldehyde condensate, sodium salt	
polypropylene-polyoxyethylene, Copolymer	1.00 % w/w

Auxillary agents:(1,2-propylene glycol)	5.00 % w/w
1,2-benzisothiazol-3(2H)-one	0.20 % w/w
Polystyrene	1.50 % w/w
Heteropolysaccharide	0.10 % w/w
Carrier-Water	Q.S. % w/w
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Total:	100.00% w/w
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