

CIR-181761/2021-Atrazine (WP) (428)-549

Atrazine 50% W.P.

(Herbicide)

It is a herbicide which contains 50% W.P w/w atrazine active ingredient and valance adjuvants.

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

Recommendation

<u>Crop(s)</u>	<u>Common Name of Pest</u>	<u>Dosage/HA</u>		<u>Dilution in Water (Ltr)</u>	<u>Waiting Period between last spray to harvest (in days)</u>	<u>Re-entry after each Application (In Hours)</u>
		<u>AI (Kg)</u>	<u>Formulation (Kg)</u>			
Sugarcane	Digitaria spp.	0.50 to 2.00	1.00to4.00	500 to 700		
	Boerhaavia diffusa					
	Euphorbia spp.					
	Tribulus terrestris					
	Portulaca oleracea					
Maize	Trianthema monogyna	0.5 - 1.0	1.0 - 2.0	500-700	-	
	Digera arvensis					
	Echinochloa spp.					
	Eleusine spp.					
	Xanthium strumarium					
	Brachiaria spp.					
	Amaranthus viridis					
	Cleome viscosa					
	Digitaria spp.					
	Polygonum spp.					
	Polygonum spp.					

Direction of Use

Plant Protection Equipment. Knapsack Sprayer, Compression Knapsack Sprayer, Compression Knapsack Battery Sprayer with Flat Fan or Flood jet nozzle. CAUTION: It may be used with caution in the areas where the ground water level is high.

Time of Application

Maize :Immediately after transplanting (pre-emergence). Sugarcane: Pre-emergence on weed free soil.

Precaution

1. Keep away from foodstuffs, empty foodstuff containers and animals food. 2. Avoid contact with mouth, eyes and skin. 3. Avoid inhalation the spray mist. Spray in the direction of wind. 4. Wash thoroughly the contaminated clothes and parts of the body after spraying. 5. Do not smoke, drink, eat and chew anything while spraying. 6. Wear full protective clothing while mixing and spraying.

Symptoms Of Poisoning

Headache, nausea, vomiting, dizziness, convulsions, tremors, possibly coupled with diarrhoea may occur.

First Aid

1. If swallowed, induce vomiting by tickling the back of throat. Repeat it until the vomitus is clear. Do not induce vomiting if the patient is unconscious.
2. If clothing and skin are contaminated, remove the clothes and wash the contaminated skin with copious amount of soap and water.
3. If eyes are contaminated, flush with plenty of saline/clean water for about 10 to 15 minutes.
4. If inhaled, remove the patient to fresh air.

Phytotoxicity

The product is not phytotoxic when used as per field recommendation.

Antidote

No specific antidote is known. 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 re-use 3. Packages or surplus materials and washing from the machines and containers should be disposed of in a safe manner as to prevent environmental water pollution

Storage Conditions

1. The packages containing the materials shall be stored in separate rooms or premises away from the rooms or premises used for storing other articles particularly articles of or shall be kept in separate almirahs under lock and key depend upon the quantity and nature of the herbicide 2.

The rooms or premises meant for storing the herbicide shall be well built, dry, well-lit and ventiated and of sufficient dimensions to avoid concentration with vapour

Chemical Composition:

Atrazine Technical	(based on 80% w/w a.i.)	62.50 % w/w
Anionic wetting and dispersing agent (Tamol, NNO)		3.00 % w/w
Anionic suspending agent	(dedenol-G)	5.00 % w/w
Non-ionic Ethylene oxide	{adduct of alkyl phenols (Rg-3113)}	5.00 % w/w
Inert Carrier	(China clay)	24.50 % w/w
		Total:100.000 % w/w
