

CIR-191764/2021-Paraquat Dichloride (SL) (429)-782

Paraquat Dichloride 24% SL
(Contact Herbicide)

It is non selective, contact herbicide which containing 24% w/w active ingredient, Paraquat Dichloride a.i. by mass balance adjuvants.

Recommendation

<u>Crop(s)</u>	<u>Common Name of Pest</u>	<u>Dosage/HA</u>		Dilution in Water (Ltrs)	Waiting Period between last spray to harvest (in days)	Re-entry after each Application (In Hours)
		AI (Kgs)	Formulation (Ltr.)			
.	B. Hydrilla	1-1.5ppm in water	4.2	600	-	
Grapes	Cyperus rotundus, Cynodon dactylon, Convolvulus sp. portulaca sp. Tridax Sp.	0.5	2.5	500	90	
Potato	Chenopodium sp. Angallis arvensis Trianthema monogyna Cyperus rotundus	0.25-0.51	1.06-2.125	500	100	
Cotton	Digera arvensis Cyperus iria	0.3-0.5	1.25-2.125	500	150-180	
Wheat	Grassy & Broadleaved weeds.	1.0	4.25	500	120-150	
Tea	Imperata cylindrica Seteria sp. Commelina benhgalensis Boerhavia hispida Paspalum conjugatum	0.2-1.0	0.85-4.25	200-400	NA	
Aquatic Weeds	A. Eichhonia crassipes,	1.0	4.25-1000	600-1000	-	

Rice	Ageratum conyzoides, Commelina benghalensis Echinochloa crusgalli, Panicum repens Cyperus iria, Brachiaria mutoca,	0.3-0.8	1.25-4.0	250		
Rubber	Digitaria Sp. Eragrostis Sp. Fimbristylis Sp.	0.3-0.6	1.25-2.5	670		

Direction of Use

Plant Protection equipment used: Use manually operated Knapsack sprayer or hand compression sprayer or foot sprayer or motorized sprayer etc.

Precaution

1. Avoid inhalation and skin contact while diluting. Do not mix with bare hands.
2. The users should use full protective clothings which include rubber gloves, boots and either face shield or dust mask and overall rubber apron, hood or hat.

Symptoms Of Poisoning

Irritation, nose bleeding, abdominal discomfort, looseness of bowels & signs of liver and kidney failure etc.

First Aid

If swallowed, induce vomiting by tickling the back of the throat. If clothing is contaminated, wash the same with soap and water. Wash contaminated skin and clothes and irrigate eyes with plenty of water. If inhaled, remove the patient in the fresh air.

Phytotoxicity

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

Antidote

Induce vomiting repeatedly and wash out stomach. Give 500ml. of 30% suspension of sterilized bentonite or fuller's earth orally. Repeat after 2-4 hours. Treat Symptomatically.

Disposal Of Used Container

1. It shall be the duty of manufacturers, formulators of fungicide and operators to dispose packages or surplus materials and washing in a safe manner so as to prevent environmental or 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 fungicide shall be stored in separate rooms or premises away from the rooms or premises used for storing other articles particularly articles or shall be kept in separate almirahs under lock and key depend upon the quantity and nature of the fungicide. 2. The rooms or premises meant for storing the insecticide shall be well built, dry, well-lit, ventilated and of sufficient dimensions to avoid contamination with vapours.

Chemical Composition:

Paraquate Dichloride Tech (based on 100% w/w a.i.)	24.00 % w/w
Nonyl phenol ethylene oxide condensate	01.00 % w/w
Cocoamine ethoxylate	04.00 % w/w
Silicone- Difoamer	00.10 % w/w
Dye acid blue	00.05 % w/w
Emetic Dye	00.05 % w/w
Water	Q.S. %
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Total: 100.000 % w/w	
