

2,4-D amine salt 58% S.L.**(Selective Herbicide)**

2,4-D amine salt is a selective herbicide effective against broad leaved weeds in sorghum, maize, wheat, aquatic weeds, Potato, Sugarcane & non cropped areas.

Recommendation

Crop(s)	Common Name of Pest	Dosage/HA		Dilution in Water in water (litre)	Waiting Period between last spray to harvest (days)
		AI kg	Formulation (litre)		
Potato	Convolvulus arvensis, Portulaca oleracea, Asphodelus tenuifolius, Chenopodium album, Anagalis arvensis, Cyperus iria, Portulaca oleracea	2.0	3.5	400	
Sugarcane	Cyperus iria, Digiteria sp. Digera arvensis, Dactylactenium agyptium, commelina bengalensis, Convolvulus arvensis,	3.5	6.3	500	
Wheat	Convolvulus arvensis, Melilotus alba, Fumaria spp. Asphodelus tenuifolius, Chenopodium album, Vicia sativa.	0.5-0.75	0.85-1.30	500-600	
AQUATIC WEEDS	Eichhornia crassipes	0.5 - 1.0	0.85 - 1.70	600 - 700	
Sorghum	Phyllanthus niruri, Convolvulus, arvensis, Euphorbia hirta, Tridax procumbens, Digera arvensis, Trianthema Spp., Striga Spp., Cyperus iria	1.8	3.0	500-600	
Non Crop Area	Parthenium hysterophorous, Cyperus rotundus	2.65	4.50	300 - 400	
Maize	Amaranthus Spp. Tribulus terrestris, Boerhavia diffusa, Portulaca oleracea, Euphorbia hirta, Cyperus Spp., Trianthema monogyna	0.5	0.86	400-500	50-60

Direction of Use

Plant Protection Equipment :

Knapsack sprayer, foot sprayer, compression battery sprayer & ASPEE - HTP power sprayer fitted with flat fan or flood jet nozzle

Limitation & Caution for use :

Do not spray the crop in neighbourhood of cotton, tobacco, chillies, tomato & grapes as they are very susceptible. Do not use in those situations where there is a possibility of harming to bees. Avoid spray drift. Keep live stock away from spray area for two weeks. Do not store near seeds, fertilizer & insecticide. Do not inhale or mix with bare hands.

Time of Application

Caution: Not to Be Used on Crops Other Than Specified on This Label/Leaflet

Sorghum : Post emergence, apply when sorghum is 10 - 30 cm tall;
Maize : Pre emergence, 2-3 days after the sowing of crop
Wheat : Post emergence, 30 - 35 days after sowing of crop;
Aquatic weeds : When weeds are young & actively growing
Potato : Pre emergence of crop / weeds;
Non crop Area : Spraying should be made in fallow land;
Mode of application : Mostly blanket application.

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

Nausea, headache, weakness, diarrhoea, spasticity of muscles of the hands & feet. There may be hyperpyrexia in few cases. Death may occur due to ventricular fibrillation or cardiac arrest.

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.

Antidote

Quinidine sulphate may be given to control myotonia or suppress abnormal ventricular cardiac rhythm. Treat symptomatically.

Disposal Of Used Container

- 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 buried away from habitation.

Storage Conditions

1. The packages containing the herbicide shall be stored 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 depending 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 contamination with vapour

Chemical Composition:

2,4-D Acid Tech.	(based on 97 % w/w a.i.)	59.00 % w/w
Sequestering agent	Dimethyl amine	30.00 % w/w
Lignin Sulphonate		1.00 % w/w
Diluent (Aqua)		10.00 % w/w
Total:		100.000% w/w

Manufactured By:

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Toshi Insecticides India
Gaushala Road, Near Cooler Factory, Geeta House, Karnal

Karnal, Karnal, Haryana

Manufacturer Premises :

Meerut Road, Village Andhera, District-Karnal, Haryana-132001

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