



Keep out  
of reach of  
children



(Read the entire Leaflets and follow the instructions carefully)

**Chemical Composition:**

Chlorpyrifos a.i.

Alkyl Phenol Ethoxylate/Alkyl Aryl Sulfonate  
(Anionic and Non-ionic Emulsifiers)

Solvent (Aromax) q.s.

**Contents (%) M/M**

20.0% m/m

6.0% m/m

100.0% m/m

Manufactured by:



**Dow AgroSciences India Pvt. Ltd.**

Unit No. 1, First Floor, Corporate Park, V.N. Purav Marg, Chembur, Mumbai-400071.

Factory: A-1, MIDC, Lote Parshuram, Khed (Taluka), Ratnagiri (Dist.), Maharashtra-415722.

**Contents:** 100 ml., 250 ml., 500 ml., 1 ltr., 5 ltr., 20 ltr., 200 ltr.

Regn. No. CIR-15, 134/92/CHLORPYRIFOS (EC)-342

Licence No.: 0403/0001/M/D Dated: 10-7-1981

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**RECOMMENDED DOSAGE RATES:**

Crop	Common Name of the Pest	Dosage Per Hectare			Interval between Final Spray and Harvest (in days)
		a.i. (g) or % a.i.	Formulation (ml.)	Dilution in Water (ltrs.)	
1	2	3	4	5	6
Barley	Corn Leaf Aphid	375	1875	500-1000	-
	Termites (seed treatment)	0.8-1.2 per/kg.	4-6/kg.	-	-
Wheat	Termites (seed treatment)	0.6-0.8 per/kg.	3-4 kg.	-	-
	Termites	400-600	2000-3000	500-1000	-
Paddy	Brown Plant Hopper Green Leaf Hopper Whorl Maggot Gall Midge Stem Borer (as seedling root dip)	0.02%	500	500	-
	Whorl Maggot	250	1250	500-1000	-
	Gall Midge	250	1250	500-1000	-
	Stem Borer	250	1250	500-100	-
	Hispa	250	1250	500-1000	-
	Leafroller	375	1875	500-1000	-
Beans	Aphid	600	3000	500-1000	-
	Pod Borers	600	3000	500-1000	-
Gram	Cutworms	500	2500	500-1000	-
	Pod Borers	400-600	2000-3000	500-1000	-
	Termites (seed treatment)	5-6g/kg.	25-30/kg.	-	-
Mung	Bihar Hairy Caterpillar	300-500	1500-2500	500-1000	-
Urd	Bihar Hairy Caterpillar	300-500	1500-2500	500-1000	-
Sugarcane	Blackbug	150	750	500-1000	-
	Early Shoot Borer	250-300	1250-1500	500-1000	-
	Pyrilla	300	1500	500-1000	-
	Termites (furrow application)	1250	6250	1000-1500	-
Cotton	Aphids	250	1250	500-1000	-
	Whitefly	250	1250	500-1000	-
	Jassid	250	1250	500-1000	-
	Grey Weevil	250	1250	500-1000	-
	Bollworms	250	1250	500-1000	-
	Pink Bollworms`	250-450	1250-2250	500-1000	-
	Cutworm (soil spray)	750	2750	1000-1500	-
Groundnut	Aphid	200	1000	500-1000	-
	Root grub (soil spray)	225	1125	1000-1500	-

Mustard	Aphid	100	500	500-1000	-
Brinjal	Shoot & Fruit borer	200	1000	500-1000	-
Cabbage	Diamond-back moth	400	2000	500-1000	-
Cauliflower	Diamond-back mot	400	2000	500-1000	-
Melon	Pumpkin beetle	100	500	500-1000	-
Onion	Root grub	1000	5000	1000-1500	-
Potato	Epilachna beetle	500	2500	500-1000	-
	Defoliating caterpillar	250	1250	1000-1500	-
Apple	Aphid	0.05%	2.5/lt	10-20 per tree	-
Ber	Leaf Hoppers	0.05%	2.5/ltr.	10-20per tree	-
Citrus	Black citrus aphid	0.02%	1.0/ltr.	10-20 per tree	-
Grapevine	Root grub (soil drench at base of plant)	2%/plant	10/plant	-	-
Coconut	White grub (drench)	1%/tree	5/tree	-	-
Tea	Semilooper	150	750	500-1000	-
	Scale insects	150	750	500-1000	-
	Redslug caterpillar	150	750	500-1000	-
Tobacco	Ground beetles	350	1750	500-1000	-
	Leaf caterpillar	300	1500	500-1000	-
General	Locusts	200	1000	-	-
<u>Non crop outlets</u>					
Mound treatment	Termites	1%	50/ltr.	At infestation	-
Soil treatment	Termites	1%	50/ltr.	At infestation`	-
Pre-construction of buildings	Termites	1%	50/ltr.	After grading and after providing slab	-
Post construction of buildings	Termites	1%	50/ltr.	Soil treatment below slab	-

### **Precautions:**

Keep out of reach of children and store away from food and feedstuff. Do not inhale the spray mist. Do not mix the spray solution with bare hands. Always use protective clothing like apron, face-mask, hand gloves, boots, etc., while application. Do not eat, drink, smoke or chew during application. Bathe or shower and change into clean clothes at the end of the working day. Do not contaminate environment and water sources Wash the spray equipment with water and detergents before storage.

**Symptoms of Poisoning:**

The symptoms of poisoning are any combination of excessive sweating, headache, giddiness, salivation, weakness, nausea, stomach pain, blurred vision and muscle twitching.

**First Aid:**

Remove the patient immediately to a safe place from further exposure and wash the contaminated portion with plenty of water and soap. If swallowed, induce vomiting giving a tablespoon of salt in warm water. Repeat till vomit fluid is clear. If necessary, gastric lavage may be given with 5% sodium bicarbonate solution. If eyes are affected, irrigate eyes for 15 minutes with clean water.

**Drug Therapy:**

Inject atropine sulphate 2 to 4 mg and repeat every 5 to 10 minutes until fully atropinised administer 1 to 2 grams of 2 – PAM (2- pyridine-aldoxime-N-methyl iodine) dissolved in 10cc of distilled water and injected intravenously very slowly for 10-15 minutes. If need be artificial respiration or oxygenation may be given. Diagnosis can be confirmed by estimating cholinesterase activity of the blood.

**Storage:**

The package containing the material shall be stored in separate rooms or premises away from the rooms or premises used for storing other articles or shall be kept in separate almirahs under lock and key. The rooms meant for storing shall be well built, dry, well lit, ventilated and of sufficient dimension.

**Disposal of Containers:**

Dispose of used containers or packages, surplus material and washings in a safe manner so as to prevent environmental or water pollution. The used package shall not be left outside to prevent their re-use. The packages should be broken and buried away from habitation.