

## ATTACK

### PROFENOFOS 50% E.C. INSECTICIDE

**Caution :** "Not To Be Used On Crops Other Than Specified On This Label/leaflet". It's broad spectrum insecticide having contact and stomach action against Lepidoptera pests such as sucking pest & bollworm complex in cotton etc. It contains 500gms profenofos (0-(4-bromo-2-chloro-phenyl)-0-ethyl S-n-propyl-phosphorothioate) per litre of emulsifiable (EC) formulation. Application & Recommendation for use: It is recommended for the control of following insects in cotton.

Crop	Common Name of the pest	Dosage Per Hectares	a.i. Formulation	Dilution in water.	waiting period between last Spray to harvest
American Boll worms (Heliothis)	750-1500-1000	500-1000	(gm.) (ml.) (Ltr.)	500-1000	15 (Days)
Cotton Jassids	500	1000		500-1000	15
Aphids, thrips, White flies	500	1000		500-1000	15

**Compatibility:** It is compatible with other commonly used fungicides, pesticides, herbicides and fertilizers in the respective crops. It is always advised to locally check compatibility.

**Toxicity:** The Acute Oral LD<sub>50</sub> to rat is of 613 mg/kg. The Acute dermal LD<sub>50</sub> to rat >4600 mg/kg. It is slight to moderately irritant to the eyes and skin of rabbits. Directions for use: Measure out required quantity of the product and mix it well with a small quantity of water. Add the remaining quantity of water as specified with through agitation for high volume of application through knapsack sprayers or high volume sprayers.

**Storage:** 1. The packages containing the insecticides 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 insecticide shall be well built, dry, well lit and ventilated and of sufficient dimension to avoid contamination with vapour. Precautions: Do not use cooking utensils for preparing sprays. Use stick for stirring the spray solution. Wear hand gloves to avoid contact with the skin. Also avoid inhalation and contact with eyes. Wear protective clothing, mask, goggles, boots, while spraying and do not expose yourself to spray drift. Do not blow nozzles with mouth. Do not eat, drink or smoke while handling or applying the product. Do not store unused spray solution. Do not spray when bees are active. When used at recommended dosages, no adverse effect on wildlife is expected in case of any sign of poisoning, immediately consult the doctor. Disposal of containers 1. Packages or surplus materials and washings from the machines and containers should be disposed of in a safe manner so as to prevent environmental pollution. 2. The used packages shall not be left outside to prevent their reuse. 3. Packages shall be broken and buried away from habitation.

**Poisoning Symptoms:** MILD TO MODERATELY SYMPTOMS: Headache, feeling of weakness, sweating, indisposition, vomiting, nervousness, difficulty in swallowing. SEVERE POISONING: Profuse sweating, eye pains, pinpoint pupils (miosis), muscular twitching, speech disorders (slurred speech), hypersalivation, respiratory distress, colic, heart complaints, convulsions, unconsciousness. First Aid: Remove the affected person from the danger zone to well ventilated room or to fresh air and protect from undercooling. IN CASE OF SUSPECTED POISONING: Immediately call a physician. 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 and immediately call a physician. IN CAPITAL OF INGESTION: If medical assistance is not readily available and poisoning symptoms are severe vomiting should be induced by tickling the finger on the back of the patients throat. Next repeatedly administer medicinal charcoal in a large quantity of water. NOTE: Never give anything by mouth to an unconscious person. Antidote: Atropine, in addition oxime preparation such as Toxogonin under medical supervision. Inject 2.4 mg atropine sulphate (for children 0.5 to 2 mg according to age) i.v. or i.m. every 5 to 10 minutes until signs of atropinisation occur. The patient must remain atropinised for a sufficient length of time (24 to 48 hours) to prevent subsequent poisoning due to delayed resorption.

**Chemical Composition:** Profenosf A.I. (Based on 89% w/w) : 50.00% w/w Vegetable oil polyglycol Ether : 9.75% w/w Alkyl Aryl sulphonate of Ca Salt : 5.25% w/w Soybean Oil Epoxidised Solvent- C-IX Total : 3.00% w/w Q.S : 100.00% w/w

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