

# DURSBAN 4E

A safe and effective broad-spectrum organophosphate insecticide for the control of a wide range of soil and foliar insect pests on agricultural crops and horticulture.

**Active Ingredient :** Chlorpyrifos 480g/lit

**Formulation :** Emulsifiable Concentrate (EC)

**Mode of Action :**

- Contact
- Stomach
- Vapor action

## Directions for Use

Apply at first signs of infestation. Measure carefully the recommended amount of Dursban 4E to be used. Ensure thorough mixing of the product and cover the entire foliage of the crop for effective control.

## Rates of Application

Crop	Target pest	Rates	Remarks
Coffee and Fruit trees	<b>Foliar pests:</b> Berry borer, antestia-bug, leaf miners, scales, aphids, mealy bug	<b>1-1.5lt/ha</b> 50-75ml/20lt	Apply at first sign of pest attack and repeat when necessary. Ensure thorough wetting of the plant .
	<b>Banding:</b> scale insects, ants, dusty brown beetle, systate weevils	<b>1-1.5lt/ha</b> 75ml/20lt	Treat tree trunk on a band of 50-90cm from the ground. Spray 150ml/tree around the base of the stem and mulch just before onset of rains.
<b>Vegetables:</b> Cabbages Onions Tomatoes beans	Lepidopteran larvae, grass hoppers, army worms, cut worms, bollworms	<b>1.25-1.5lt/ha</b> 50-75ml/20lt	Apply at first sign of pest attack. Do 2 treatments at 10-14 days interval. Ensure thorough wetting of the crop.
Flowers and ornamentals	Cutworms, aphids, termites, Ants	<b>1.5-2.0lt/ha</b> 75-100ml/20lt	Apply at first signs of pest attack . carry a sensitivity test on a few plants particularly on roses.
Cotton	Leaf worm, bollworms, aphids Broad mite	<b>1.5-2.5lt/ha</b> 80ml/ha	Apply at first sign of disease and repeat as necessary. Spray according to official recommendations Ensure good wetting of the crops.
Pine apples	Mealy bugs	<b>1lt/ha</b> 50ml/20lt	Spray base of plant to run-off. Apply to the ridge of pineapple beds before planting.
<b>Soil pests :</b> in vegetables, cereals, Tobacco, bananas, pineapples, potatoes	Termites, ants, cutworms, Wireworms white grubs, mole crickets, maggots, banana weevils, leather jackets, black maize beetles.	<b>200ml/20lt</b>	Drench the soil and pour 5lt of the solution into each termite nest. Use preplant for tobacco , trees, tomatoes with transplanting water. For nurseries and seed beds do broadcast application with standard sprayer before sowing.

### **Compatibility**

Compatible with commonly used fungicides and insecticides except Coppers and alkali products.

### **Pre-harvest interval (PHI)**

Carrots, cereals	14days
Vegetables	21 days

## **ADVANTAGES**

- Effective broad crop and pest range insecticide for soil and foliar use.
- Low phytotoxicity –can be used on all vegetables and ornamentals except for cucurbits,
- Safe to mammals –has low toxicity
- Effective against all stages of pest ( egg, larvae, adults)
- Persistent in the soil -offer control over a time span .
- Has vapor action, giving excellent knock down and control in difficult to penetrate areas especially under the leaf.
- Offers suppression of spider mites population.
- Excellent mixing with ability with cypermethrin.
- Compatible with most other used pesticides except Cu and alkali.

### **AVAILABLE PACKS:**

20x100ml, 12x1lt, 20lt

## **ALWAYS READ THE LABEL BEFORE USE**

### ***Marketed and distributed by***

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