

PROTECT YOUR COLE CROPS FROM DIAMOND BACK MOTH (*Plutella xylostella*)



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(An ISO 9001 : 2015 Certified Company)

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Diamond Back Moth causes maximum damage to vegetable. DBM adults are small, grayish brown, inconspicuous moths. When their wings are folded, they have an elongated slender appearance. The wing tips are conspicuously fringed. Young larvae are tiny, white caterpillars with dark brown heads. When mature, they are about 0.5 inch long and have wide transverse. The first and second instars are difficult to see against the white lint of the bolls. Eggs are very small, slightly elongated, and laid under the calyx of green bolls. Harmony Ecotech Pvt Ltd offers an extremely effective pheromone based solution to tackle this menace, as detailed below.

Pheromone Dispenser / Lure

Product Description: The Pheromone dispenser is in the form of a Rubber Septa or a translucent polymer capsule in which the active ingredient material is filled in.

Color : Brick Red or Translucent White.

Materials of Construction: Silicon Rubber or UV Stabilized polymer.

Active Ingredient: Z-11-Hexadecenal, Z-11-Hexadecenyl-1-acetate, Z-11-Hexadecen-1-ol.

Effective life span in the field: 30 to 45 days, subject to weather conditions.

Application - How it works: Place the Lure dispenser in the Trap Lure holder and place the traps at various locations where the catch is effective. As the Active Ingredient is dissipated into the atmosphere, the insects are attracted into the trap. Eventually they get entrapped in the trap and die because of the provision made in respective traps. It is advised to use 8 water traps or pheroglo traps per acre initially. Trap density may be increased up to 50 per acre depending on degree of infestation. So the next cycle or generation of insects i.e, egg laying (ovi-position)-larvae - pupae- flying adults does not happen leading to drastic reduction of pest population. Thus over 50% to 90 % control is achieved.

Storage / Safety Precautions & points to be noted:

- ★ Store away from sunlight under refrigerated conditions.
- ★ Do not open the pouches or the plastic bottles or tube until just before using the product in the field.
- ★ All the materials and components used in the manufacturing process are generally known to be non hazardous to human beings. This information is given in good faith and manufacturer assumes no responsibility for any damage that may be caused by using the product to men, machinery and materials
- ★ Responsibility for verification regarding compliance with regulatory requirements, product registrations and patent infringement laws solely lies with the buyer.