

Protect your crops from all harmful nocturnal insects!



Install Solar Light Trap

◆ No Pesticides ◆ No Electricity ◆ No Maintenance



Harmony Ecotech Private Limited

(An ISO 9001 : 2015 Certified Company)

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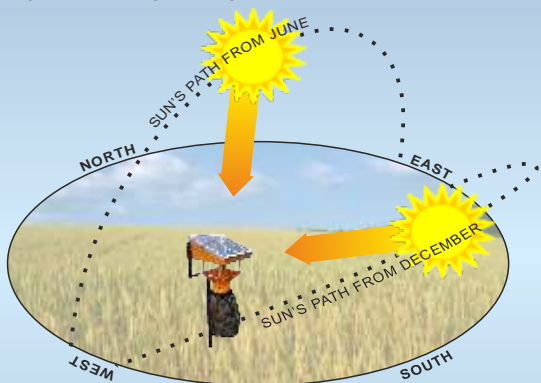
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THE PRODUCT

Harmony's Solar Light Trap is the most effective pest management tool in the hands of the modern, knowledgeable, progressive farmer today. It uses no electricity and no pesticides or chemicals, very easy to install (the farmer can do it himself), needs no maintenance, is fully automatic - switches on by itself when it is dark and is absolutely safe to handle. It is very effective against all kinds of flying insects – big or small and specially the harmful pests that are known to be very active during night time. Its Ultra violet light attracts insects from far, but is not useful as a domestic lamp and so is theft proof.

POSITIONING & INSTALLATION

The Solar Light Trap is to be positioned in the right angle in relation to the movement of the Sun during day time, in the south east direction as shown in the schematic diagram shown below. Ensure that no shade of trees or other tall objects or things obstruct the incidence of sun rays onto the panel, so that maximum amount of sun light is absorbed by the solar panel of the trap, to enable the battery store maximum possible amount of power, so that the trap works for a long time during the night.



Note: When installed centrally approximately equidistant from the boundaries, one Solar Light Trap for one acre will offer fairly good protection.

HOW IT WORKS

During day time the battery gets charged by Sun light absorbed by the solar panel and converted into electric power by the electronic circuitry and stored in the battery. During night time, this stored energy will be used by the Light and Fan fitted in the Trap. The Light and Fan are auto switched on as it gets dark and would work for four to five hours. Harmful nocturnal or night flying insects which are most active during this time are attracted by the ultraviolet light emitted by the LEDs enter the funnel area and sucked into the bag by the rotating suction fan. Once they are trapped in the bag, they can not escape anywhere and ultimately die out of exhaustion and lack of food.

TECHNICAL SPECIFICATIONS

Light: UV LED of 390 - 400 nm

Solar Panel: 4 to 12Volts / 6 to 10 Watts

System Operating Voltage: 4 to 12Volts

Battery: 4 to 12Volts / 3 to 7 Ampere Hours

Effective Duration: 3 to 5 Hours

Body: Powder coated M.S. / Moulded Plastic

Warranty: 2 Years for Main Set (10 years for Solar Panel)



We also make - Pheromone Lures, Insect Traps, Microbial Cocktails
Bio-fertilisers, Bio-stimulants and Bio-pesticides