

Photovoltaic insect killer lamp control circuit board

How a solar light trap can control insect pests?

For that purpose firstly a model of light trap box with iron structure was developed, then a solar light system including solar panel, charging unit, battery and LED bulb installed with the light trap box so that this solar light trap can monitor and control the insect pests of different crops effectively.

Is solar operated insect light trap eco-friendly?

Keeping these points in view, developed eco-friendly solar operated insect light trap for control pest population. The experiment was conducted by using solar photovoltaic operated light trap with three colored LED having 5 Watt power rating bulb viz., blue, yellow, and UV-A blue.

How solar led pest control light works?

monitors and controls the pest populations without any use of pesticides. The solar LED pest control light is environmentally friendly, energy-saving, easy to use and independent of the electricity. Based on the phototaxis of targeted pests, it adopted the strobe light way to reduce power consumption.

Can UV-A blue light be used in solar insect trap?

Most of the harmful insects were attracted towards UV-A blue light and hence it is calculated that the use of UV-A blue light in solar insect trap is beneficial in integrated pest management practices (Bhamre et al., 2005). The net present value for the 12 year of cash flow analysis was found to be Rs.9371.69.

How a solar powered insect trap works?

In organic and integrated farming by using environment friendly automated solar powered insect trap, pest can be brought under control effectively. Solar trap is very simple in construction and use. On the four-legged stand (about five-foot height), the solar lamp strips are mounted powered by battery.

How effective is insect light trap in organic agriculture?

: 5.11.2018 | Revised: 8.12.2018 | Accepted: 17.12.2018 **ABSTRACT** Insect light trap is one of the very effective tool of insect pest management in organic agriculture as it mass-traps both the sexes of i

Ultrasonic Pest Repeller, 2 Packs Electronic Mosquito Repellent Plug in Mouse Repellent With Night Light, Insect Repellent Pest Control for Mosquito, Spider, Mice, Ant, Insects, Roaches, ...

The improvised solar-powered light insect trap could address the problems of farmers in reducing the harmful insects that destroy the plants. The study shows that the violet (UV light) solar-powered insect trapper emerged as the most ...

360 air vent ensures effective insect control; View More Details; Store 0 in stock. ... plug-in bug zapper



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eliminates any flying insect outdoors, 24 hours a day. Using silent UV attraction and ...

A bug zapper, also known as an electronic insect killer or electrical discharge insect control system, is a device that attracts and kills flying insects using an electrical current. The device typically consists of a light ...

The bulb could be either an LED lamp, a low wattage CFL lamp or even a black light or an UV wood"s lamp. High Voltage Generator The high voltage generator circuit is the same which was explained in our previous ...

This AC-powered electronic flying bug killer uses UV light to draw insects to the unit. They are killed on contact and collected in the removable catch cup. ... Lawn Insect Control. Returnable. ...

Solar Lamp Circuit Board, Solar Light Control Sensor Controller with 8 Kinds Light Mode and Switch 1.2V Used for 100LED Solar String Lights, String Controller Module . Brand: Yanmis. ...

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This easy to use insect killer will attract flies, moths, midges & mosquitoes using ultra violet light to lure them into an electronically charged metal grid, destroying them quickly & hygienically.The ...

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The solar LED pest control light is environmentally friendly, energy-saving, easy to use and independent of the electricity. Based on the phototaxis of targeted pests, it ... Lead Acid ...



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