PHEROMONE LURES & TRAPS For FALL ARMYWORM

For Monitoring & Mass Trapping of adult / flying moths, use pheromone Lures and Traps. The Pheromone dispenser is in the form of a Rubber Septa or a translucent polymer capsule in which the active ingredients namely Z-7 Dodecenyl acetate, Z-9 Tetradecenyl acetate, Z-11 Hexadecenyl acetate are filled in.

**PHEROMONE LURES & TRAPS:** Place the Lure/dispenser in the Trap Lure holder and place the traps at a few inches above crop canopy level, at various locations in the farm, for the catch to be 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 due to lack of food and exhaustion. It is advised to use 8-10 traps per acre initially. Trap density may be increased upto 50 per acre depending on degree of infestation and extent of control targeted. It is recommended to use funnel sleeve traps or moth traps. For season long control replace lure 3 times at intervals of 30-40 days starting from the 5th day of sowing.

**Light Traps:**
Fall Armyworm is a Nocturnal (Night flying) Pest. So it gets attracted by Light Traps. Our Solar Powered UV Light Traps are very effective in attracting & controlling the Fall armyworm. Install 1 light trap per acre which automatically switches on at sunset and switches off after 3-4 hrs, during which period FAW is very active.

Please Contact : +91 040-29702068, +91 9866159683, +91 9177556611 email: info@harmonyecotech.com
Fall Armyworm Damage in Maize/Corn

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LIFE CYCLE OF FALL ARMYWORM

- The caterpillar will then burrow 2-4 cm into the soil before pupating. The loose silk, oval shaped cocoon is 20-30 mm in length. If the soil is too hard then the caterpillar will cover itself in leaf debris before pupating.
BOTANICAL & BIO PESTICIDES For FAW

For Controlling Larvae: USE CROP CARE TONICS Such as

*Bacillus thuringiensis var kurstaki* – Mix 2-4 grams in one liter of water and spray to reach inner portions of the whorls.

*Beauveria bassiana* – Mix 5 grams per liter of water and spray thoroughly to the point of drenching onto the plants.

*Metarhizium Anisopole* – Mix 5 grams per liter of water and spray thoroughly to the point of drenching into the soil.

*Extract of Annona squamosa* – Mix 2 ml per liter of water and spray extensively reaching all parts of the plant, specially the whorls.

*Neem Oil and Azadirachtin 300 and 1500 ppm emulsions*: 5 to 10 ml is to be mixed in one liter of water and sprayed into the nooks and corners of the plant. In case of crude neem oil, mix a wetting agent such as ASSURE for better dispersion and coverage.