



24. Preparation, demonstration and validation of pheromone baited lures and traps for Pest management

Name of Inventor

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Type: New

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Patent: To be patented

Description of Technology

Smells are surer than sounds and is truly unspoken language gifted by nature that provides ability to insect to perceive and then transmit chemical information for various biological interactions. Pheromone mediated management is an important technology. Pheromones are the chemical communications between individuals of the same species. The female is releasing the sex pheromone to attract its partner for mating or sometimes Para pheromone is widely used. attract In case of flies, we are using methyl Eugenol and other proprietary matrix to attract complex of fruit flies. In case of codling moth, the female sex pheromone namely codlemone chemical with other proprietary matrix are added to attract male partners of codling moth



Plate-1. Lure and trapping of codling moth on sticky liner with good trap catch

Impact

- To reduce insecticide usage, environmentally safe technology
- Proven and validated technology
- To establish degree day models and biofix

Commercial applicability

The technology can be commercialised on a large scale because of specificity of lures, local entrepreneurs or micro enterprises can be set up for this production and marketing.