

Evaluation of the Utilizable Efficiency of Dried-style
Sex Pheromone Trap on *Spodoptera liture*

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ABSTRACT

Materials used for making dry-type sex pheromone trap included pet bottles single or double-sided adhesive tapes, Zine coated wires, cutter knife, drillers, woody model and punches. Two openings with the size of 3 × 0.3 cm on each side below the bottle neck was used as the entrance of trapper. For the purposes of evaporating of sex pheromone, six lines of pores, with the diameter of 0.3 cm separated by 1.5 cm between pores were punched around the entrance of trapper.

Results showed that the suitable number of trapper per hectare was four. Also, the Type C trapper has been proven to be effective in trapping pet. Bottles with green, yellow, color and colorless and better trapping effects than other colors.

Three-stage trapper was also developed for increasing the efficiency of trapping. Compared the trapping effects of upper, medium and lower part of trapping entrance, it was found that more moths were trapped by the trapping entrance located at high part, while the lower part of trapper had the lowest trapping effect.

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