



## Early Warning Monitoring Systems

**\*NEW** Technical Bulletin

### **STORGARD® OPEN & USE™ QUICK-CHANGE® WCM + CMCM COMBI™ Kit with STORGARD® III TRAP**

The STORGARD® OPEN & USE™ QUICK-CHANGE® WCM + CMCM COMBI™ Kit monitoring system for the Webbing and Casemaking clothes moths is a cost effective, pre-baited method of detecting moth activity at the earliest possible stages. It utilizes combined synthetic sex pheromones that lure adult Webbing clothes moth, Casemaking clothes moths and Brown-dotted Clothes Moth into a specially designed trap that contains a sticky capture surface. Early detection of moth activity allows control measures to be employed before wool, natural fibers and hair-based items are damaged by larvae.

Each STORGARD® OPEN & USE™ QUICK-CHANGE® WCM + CMCM COMBI™ kit contains pre-baited monitoring systems for up to 8 weeks of continuous monitoring, depending on the environmental conditions.

#### **Pheromone Attractant**

The pheromone in this STORGARD® system attracts:

- 1. Casemaking clothes moth** (*Tinea pellionella*)
- 2. Webbing clothes moth** (*Tineola bisselliella*)
- 3. Brown-dotted clothes moth** (*Niditinea fuscella*)

*Pheromones are chemicals that adult insects produce to communicate with each other. The synthetic pheromone in the STORGARD® system simulates the natural lure female insects use to attract adult males for mating purposes.*

#### **Trap Design**

The STORGARD® III trap is a relatively new design used for monitoring stored product insects when a need for inconspicuous placement arises. It features a fold-over design, release liner and opens for easier identification of captured insects.

#### **When to Monitor**

As a general rule, most insect development ceases at average temperatures below 55°F. In heated residences, warehouses, facilities or in warm climates a year-around monitoring program is essential for early detection of Casemaking and Webbing clothes moths. Even in unheated storage areas in cold climates, it is important to recognize locations that may provide sources of heat.

#### **Trap Density and Placement**

A good industry standard when beginning a monitoring program is to place traps in a grid pattern at intervals of 10 to 30 feet. Tighten the grid as needed to pinpoint the source of an infestation. Other areas where traps should be placed are near suspected sources of susceptible wool, natural fibers and hair, such as in or around residences, apartment buildings, storage areas, trophy animal displays, museums, etc.

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**Visit our website: [www.trece.com](http://www.trece.com) or call 1-866-785-1313**

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## Trap Density and Placement

Pheromone and Kairomone monitoring systems serve three primary functions:

1. Detect the presence of stored product insects
  2. Gauge the abundance of the insect population
  3. Verify corrective actions
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## Trap Height

The main criteria for selecting trap height are convenience for monitoring personnel and protection against damage.

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## Trap Inspection

Traps should be inspected at least once a week and twice weekly if an infestation is suspected. In some situations, it may be desirable to check traps every day. Since moths are active at night, daily inspections should be made in the morning. Keep a record of the number of insects caught in each trap and the monitoring site.

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## Service and Storage

STORGARD® OPEN & USE™ QUICK-CHANGE® WCM + CMCM COMBI™ monitoring systems require a minimum service. However, it is important to replace the entire trap every four to twelve weeks since their attractant properties eventually degrade. Removal of dead insects and debris when traps are inspected is an option. Replace the trap more often under extreme conditions.

Please note: Kit packages should be stored in a cool place. For longest possible storage life, you may store kit packages in a refrigerator and be sure to keep their foil packages sealed. Like film, batteries and similar products, pheromone products should be stored in a cool place.

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STORGARD® OPEN & USE™ QUICK-CHANGE® products are available as individual monitoring systems for IMM+4, CFB/RFB, CB, WCM+CMCM COMBI and KB/WB



STORGARD® OPEN & USE™ QUICK-CHANGE® WCM + CMCM COMBI™

Product Code: 7263-00

Visit our website: [www.trece.com](http://www.trece.com) or call 1-866-785-

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