



# Quality Pheromones and Trapping Systems

Insects Limited, Inc. researches, tests, develops, manufactures, and distributes quality pheromones and trapping systems for food infesting insects to a global marketplace with a focus on the statement above. At our core, Insects Limited focuses on bringing **Science, Education, and Innovation to the Stored Product Industry.**

## All Beetle Dermestid Attractant Kit (IL-2300)



### Product Description

Working closely with the pest control industry, Insects Limited recognized pest control operators and residential customers alike needed a device that could fit in areas suspected of insect infestation without taking any space.

The All Beetle Dermestid Attractant Kit (IL-2300-10 or 100 includes 10 or 100 (select option) complete All Beetle traps and 10 or 100 dermestid attractant as well as a glue board specifically designed to fit the All Beetle trap removable tray.

The dermestid attractant is a custom attractant lure for all types of dermestid beetle (carpet beetle, warehouse beetle, odd beetle, hide beetle and larder beetle) larvae and adults. These lures are made up of a combination of multiple food attractants that have been tested both in the laboratory and in the field on dermestid beetle larvae and adults.

These lures that will attract a multitude of species will remain attractive for 1 year. The larval stages as well as adult male and female carpet beetles are attracted to the lure and are readily stuck in the glue when paired with an appropriate trapping system.

All coming together to create an effective monitor for the presents of dermestid insects. The All Beetle trap has a clear view lid for easy inspection, a sturdy polypropylene base and a replaceable tray that snaps in from below. This low profile trap slides easily beneath equipment or fits nicely into corners or along walls.

### Features and Benefits

The All Beetle trap with Dermestid Attractant Lure will allow you to monitor the areas needed to help determine

- Is there a presence of insects in the suspected area? If yes, then the All Beetle trap with Dermestid Attractant Lure can help pinpoint the infestation.
- Are the numbers of insects present increasing or decreasing?

If continuing to increase, further investigation or professional measures need to be taken. The All Beetle trap with Dermestid Attractant Lure has been tested by professionals in both the lab and the field and has proven to be the most effective device on the market, specifically for insects that infest museum items.

Because of its clear top, the All Beetle trap is the easiest on the market to inspect. Competing traps take too much time and effort during inspections. For a professional, too much time is spent walking to each device, kneeling, taking off the top, and counting the insects of an already, too small, adhesive area.

The clear top allows professionals to simply glance down at the device to find out if there is a presence of insects. If not, they simply keep moving, allowing more time for inspection. The loop on the top allows the device to be tethered to a permanent object therefore reducing the possibility of a lost device as well as lost insect data.

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To ensure the lid will not pull off with the tether, Insects limited has created deeper hooks as well as securing joints between the clear top and the blue base. The top is vented in 3 places to allow for the disbursement of pheromone and kairomone attractant.

## How is it packaged?

Each kit comes with 10 or 100 sets (select) of the clear top, blue base, and snap-in replaceable tray as well as 10 or 100 individually packaged Dermestid Attractant Lures. You will also receive a glue board that should be placed into each removable tray.

## How it's designed?

The Dermestid Attractant Lure was created by the Insects Limited entomologists knowing what the dermestid species truly wants to feed upon. This proprietary mixture was condensed to create the lure many customers use to protect their taxidermy and textiles.

The All Beetle trap was methodically designed by entomologists who work with and study the target insects every day, and who understand the needs of an easy to inspect device. They ensured the device lay flat so as to not have any obstacles for the insects to climb.

The slope of the device is mathematically calculated to ensure the insects will create momentum ascending the trap, and meets a curved edge forcing the insect to fall into the adhesive to be captured instead of making the decision to descend back down the slope preventing capture.

Our entomologists spent hours observing the insects to determine a texture of the slope to complement the insect's behaviors that were observed.

## How This Product Can Help You

Pheromone monitoring is tedious, but necessary. Through third party efficacy confirmation, and the forethought of an easy to inspect clear top, the All Beetle Dermestid Attractant Kit will ensure you are getting the most accurate insect data while making your inspection efficient and allowing you to determine and solve the problem quickly.

## What to Expect

Many customers purchase the All Beetle Dermestid Attractant Lure because they suspect the presence of a textile or taxidermy infesting insect.

Once the trap is received, you will take them out of the box, remove the snap in tray and insert the glue board, remove the white plastic film covering the glue and place one Dermestid Attractant Lure in the center of the glue board. Snap the tray into the base of the All Beetle trap and place on a flat surface 2-5m (5-15ft) apart.

Depending on the levels of infestation, insect catches could happen within 24 hours 2 weeks. Replace the glue board when it is full of insects, and the lure after 1 year.

## How it Works

[Video Demonstration](#)

## Who is making it

The All Beetle trap was designed by Insects Limited entomologists and tested by pest control operators. We decided to manufacture the product with a plastic injection company local to Indiana. Our Dermestid Attractant Lure is manufactured by Insects Limited on site allowing us to have complete control of the products we are sending you.

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## What Inspired its Creation

As a company based in science, innovation, and quality products (and education), our entomologists realized there was no trap available in the market created with the behavior and biology of the insects considered.

We also knew the need for a trap that was easy to inspect. The All Beetle trap with Dermestid Attractant Lure is the only monitor available that was designed thinking of both the science of the insect's biology and the art of pest control.

Getting the dimensions of the trap correct was difficult. Some insects crawl well. Some have more trouble. Our entomologists spent many hours observing these insects attempting to climb different iterations of the trap and settled on one based on scientific findings. After purchasing the device, be sure to take note of all the intricate details included because of our scientific observations.

## How was the product tested?

We first start with intense lab testing. Our entomology lab has 1x1 meter arenas set up where we actively attempt to create an environment the insect will not want to leave. We give them everything they need, but we also present them with the opportunity to travel to our trap and the attractant inside.

If our attractant and trap can pull the insect out of the optimal environment in the lab then we are ready to test the devices in the field. We have created relationships with some of the best pest control operators in the industry. We trust these PCOs to test our products thoroughly and give us honest feedback.

If we receive not only positive feedback, but feedback that our product works better than the others', then we are ready to take our design to manufacturing and make it available to everyone.

## Shipping Information

Each set of 10 or 100 has dimensions of 6 inches X 6 inches X 4 inches. Online customers can choose their shipping options at checkout. Orders placed before 3pm EST typically get processed that day. If placed after 3pm EST, your order will be processed the next business day. Orders are shipped Monday-Friday.