



USAGE INSTRUCTIONS

Place the trap in an area where collection is desired and moths are believed to be present. The trap functions best when it is the sole source of light in the area - turn off competing sources of light, both outdoors and within structures. If additional lighting is required in the area, use amber colored "bug lamps" as these are less competitive with the blue light source of the trap.

By design the MOTH +Phototactic UVA Moth Trap is a no-kill moth trap. This means that collected insects can be observed alive after collection. As many moths are great pollinators and a food source for birds, bears, etc. a compelling argument can be made for using no-kill methods of collection and release.

For no-kill removal of nuisance moths: Place a trap well away from entrances to structures, to lure the moths to take up residence in your trap, rather than inside your home. The moths will be free to come and go, from the trap without intervention. When collecting nuisance moths indoors, unplug and gently remove the trap to an outdoor area before removing the top for inspection or release.

Kill methods: As compelling as some no-kill arguments are, there are times when both entomologists and homeowners alike, may wish to employ a kill method. On our farm, we simply remove the traps to our chicken run, releasing the live moths to the chickens where some escape, but the majority are quickly dispatched by the birds. But there are other ways to dispatch the moths.

Ammonium Carbonate as a killing agent. Ammonium Carbonate is readily available from online and local sources. It is used in baking as leavening or as smelling salts. Placing dry ammonium carbonate in a shallow dish within the trap has been found to be an effective kill agent.

Ethyl Acetate as a killing agent. Ethyl Acetate is another common killing agent, ethyl acetate is found in non-acetone varieties of nail polish remover. The liquid can be placed in small glass or metal canister with a large cotton wick placed in the liquid. The wick should extend above the canister. The fumes released have been found effective at killing the trapped insects.

If you have any further question or would like to share your moth collecting questions or stories with us, please contact doc@millermoth.com

Cautions: *UVA light is considered harmless to humans and the UVA emitted from the included lamp, is far less powerful than that which you are exposed to on a sunny day. Still, it is never a good idea to stare directly at the UVA light as discomfort and temporary spotting of your vision may result. This product is not intended for use by children ages 12 or younger. Always unplug the product from the power source prior to doing any manipulation or inspection of the trap.*