SYNERGY SEMIOCHEMICALS CORP.

Multitrap Funnel Trap, Panel Trap & Funnel Trap II Hanging Trap Lures

General Information about Trap Lures

The small white, brown, and green bags and pouches containing lures **SHOULD NOT be opened** prior to use. The semiochemical contents are usually liquid form within bubble caps, bottles or pouches. The quantity of liquid can often be in very small quantities.

If the small bag or bubble cap is accidentally opened or punctured, and any free liquid is present, please wear gloves to protect your skin and dispose of the damaged lure in the trash. Any liquid contents that come in contact with your skin should be washed in warm soapy water.

The bags, bubble caps or pouches for funnel traps are hole punched at the top or on the corner to help attach the lures to traps using twist-ties or cable ties.

Rubber septa lures can be taken out of the overpack to hang directly onto a trap. Standard practice is to impale the septa with a pin, such as a safety pin and then pin it directly onto a connector/leg of the trap.

Research by Byers, (J. Chem. Ecol. 13:2143-2157, 1987), working with Western Pine Beetle lure components has shown that trap catches are reduced the further the lure components are separated. Byers also states that with increased separation of the lure components the likelihood of confusion effects increases. Intuitively a compact semiochemical plume can be perceived at a greater distance than can a diffused plume. With multi-component lures it is assumed that all components must be perceived simultaneously for the maximum synergistic effect. For these reasons, we recommend multi-component lures have all components released from the same position within the trap.

Synergy Multitrap Panel Traps

Use twist ties to attach single or multiple lure components to the top of the trap near the canopy.

Synergy Multitrap Funnel Traps

In sunlight, air currents move up the bole of a tree. It is presumed that the same phenomenon will occur with funnel traps.

With our new larger bore funnels, you have the choice of hanging all lures either on the **outside** or **inside** of the trap approximately ¼ of the way up from the collection cup.

Hanging lures on the **inside** central channel of the trap can allow for maximum dispersion of the semiochemical plume inside the trap while also offering protection for the lure. However, large lures such as UHRs can obstruct insects falling through the central channel into the collection cup.

Lures hung on the **outside** of the trap promotes the maximum catch radius due to the semiochemical plume being dispursed further by air currents. In addition, lures hung on the outside are much easier to deploy and service.

Funnel Trap II

As mentioned above with the Synergy Multitrap, hang lures with twist ties on the **outside** or the **inside** of the Funnel Trap II, approximately ¼ of the way up from the collection cup.

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