

Where Glue Traps Matter in an IPM Strategy.

Each step in the Integrated Pest Management (IPM) cycle contributes uniquely to overall pest management success. A glue trap isn't just a passive pest capture device; it's an information center, providing a record of pest decisions, behavioral tendencies, and survival strategies. Proper analysis of glue trap data allows pest management professionals to leverage behavioral insights to address root causes, not just control pests.

WEB-COTE INDUSTRIES

Glue traps function as behavioral sensing devices, providing essential intelligence to guide sustainable integrated pest management.



STEP ONE

Facility Inspection

Glue traps function as pest monitoring tools-aiding ecological surveillance



STEP TWO

Pest Identification

Glue traps serve as taxonomic & behavioral indicators



STEP THREE

Establish Pest Threshold

Glue traps provide qualitative & quantitative indicators of pest activity & population trends



STEP FOUR

Control Measures

Glue traps serve as tactical monitoring devices, exploiting or domesticating pest behavioral tendencies for more effective control



STEP FIVE

Assess Effectiveness

Glue traps can serve as long-term bio-monitoring devices for ecological shifts in pest populations

Glue Traps Matter in IPM!

Pest behavior isn't random; species follow predictable patterns and evolutionary adaptations. Understanding behavior allows pest management professionals to move beyond reactionary or just-in-time rescue treatments and implement science-based IPM strategies.

STEP ONE Facility Inspection (30% significance)

Inspection assesses archopestology or structural vulnerabilities, rich-resource availability, and microhabitat suitability that contribute to pest persistence.

- Glue traps function as pest monitoring tools-aiding ecological surveillance.
- Help map pest spatial distribution by capturing individuals.
- Reveal microhabitat preferences.
- Provide insights into photoperiod activity patterns (e.g., nocturnal, crepuscular, or diurnal behavior).

STEP TWO Pest Identification (25% significance)

Identification to species level is essential for predicting pest behavior and control response.

- Glue traps serve as taxonomic and behavioral indicators.
- Provide evidence of species-specific taxis behaviors (e.g., thigmotaxis in rodents and phototaxis in flying insects).
- Identify interspecific interactions (e.g., predator-prey relationships, competition, and scavenging).
- Distinguish transient incursions from established reproductive populations-preventing misdirected control efforts.

STEP THREE Establishing Pest Thresholds (10% significance)

Thresholds are based on injury levels, including aesthetic, medical, legal, and economic influencers.

- Glue traps provide qualitative and quantitative indicators of pest activity and population trends.
- Analyze what was caught, how many (this per that), and why (direction, distribution, and density).
- Track population fluctuations.
- Assist in evaluating reproductive potential.
- Detect low-level infestation evidence-enabling proactive mitigation before thresholds are exceeded.

STEP FOUR Control Measures (25% significance)

Control measures include behavioral, physical, mechanical, biological, bio-rational, and chemical strategies aimed at reducing and preventing pest populations.

- Glue traps serve as tactical monitoring devices, exploiting or domesticating pest behavioral tendencies for more effective control.
- Evaluate the efficacy of attractants or semiochemical-based lures in pest capture strategies.
- Identify secondary trophic interactions (e.g., fly counts on glue boards can serve as biosensors of hidden rodent presence, death, carrion, and PMI).

STEP FIVE Assessment of Effectiveness (10% significance)

Refining strategies based on ecological feedback ensures long-term success.

- Glue traps can serve as long-term bio-monitoring devices for ecological shifts in pest populations.
- Detect adaptive behaviors (e.g. aversion or knockdown resistance (kdr)-requiring control method adjustments)
- Identify shifts in synecology or pest communities' structure, including emerging threats or displacement effects.
- Provide trends data that supports root cause analyses (RCA) for long-term pest management strategies.

How Web-Cote Supports Your IPM Program

Web-Cote is more than a glue trap manufacturer - we are your OEM and Private Label partner in effective pest control solutions..

Here's how we help:

Custom Adhesive Formulations

Our glues are engineered for superior performance, designed to meet specific pest challenges in various environments.

OEM & Private Label Solutions

We offer high-quality, US-made glue traps customized to fit your brand's needs.

Continuous Innovation

Our team works closely with industry experts to improve adhesive performance and integrate new advancements.

Reliable Performance

Our products are developed with quality and durability in mind, ensuring dependable results in IPM applications.

Join us in exploring how adhesive pest control enhances IPM.



WEB-COTE
INDUSTRIES™

141 Wheatsworth Road, Hamburg, NJ 07419
Tel: 973-827-2299 Fax: 973-827-0069
info@web-cote.com

web-cote.com

**WOMEN
OWNED**

**MADE
IN THE USA**