



East End Pest MANAGEMENT

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Wood Destroying Organisms:

Carpenter Ants, Termites, and Powder Post Beetle are some of the Wood Destroying Organisms that can be found in homes on Eastern Long Island. Each have their own characteristics, life cycles, and biologies. Carpenter Ants are attracted to high moisture content and an infestation can be a sign of a moisture - issue, such as a leaking sky light, roofing, or faulty plumbing. Carpenter Ants do not eat wood. Instead, they bore through it for nesting purposes and naturally nests in various trees on Long Island. Every Spring a percentage of a colony will develop wings and “swarm” to create satellite nests and expand the colony further into the world. Termites, share this swarming function and while not as common as the carpenter ant, can be a real problem if left untreated. Termites do eat wood. They do so 24 hours a day, 7 Days a week, year-round. They can create massive damage to the structure of your home that may require expensive repairs. Powder Post Beetle can lay dormant in wood for years. Emerging long after installed into your home. Powder Post Beetle like Termites utilize wood as a food source.



Our treatment and Services:

For Carpenter Ants inside of your home, we recommend a traditional Carpenter Ant treatment, which utilizes both contact insecticides as well as an application of both a granular insecticide and a granular Carpenter Ant bait. A monthly monitor service is also available and recommended to eradicate the population of Carpenter Ants on your property. Tamper resistant bait stations are anchored to the ground and placed strategically around your foundation. These stations are filled with a protein-based Carpenter Ant specific bait and serviced monthly. We also have monitoring and baiting programs for Termite control. These programs are highly effective and do not require liquid insecticides to be used. Trelona® ATBS® can eliminate entire Termite colonies in as little as 120 days. The Trelona® Advance Termite Bait System is a treatment recognized by state regulatory agencies and lenders to satisfy the Termite closing letter requirements.

Product information:



BASF
We create chemistry

Trelona® ATBS® with the active ingredient Novaluron, by BASF are used for Termites. Due to its large and innovative station design, termites find Trelona ATBS bait stations fast. Termites feed upon the cellulose matrix within Trelona Compressed Termite Bait, which termites prefer over the wood used in homes. Termites travel back to the colony, sharing the bait containing novaluron, a fast-acting chitin synthesis inhibitor. As a result, Trelona ATBS achieves on-going structural protection through colony elimination.

Trelona® ATBS®

Annual Bait Stations

Frequently asked questions

Every year in the United States, termites cause more than \$5 billion in damage that is not covered by most homeowners' insurance policies¹. We at BASF understand the problems associated with termites so we make available an advanced baiting technology, now with an annual inspection interval. Many of the most frequently asked questions about **Trelona® ATBS®** Annual Bait Stations are addressed below.

Q1: How do **Trelona ATBS** Annual Bait Stations work?

A1: Due to its large and innovative station design, termites find **Trelona ATBS** bait stations fast. Termites feed upon the cellulose matrix within **Trelona** Compressed Termite Bait, which termites prefer over the wood used in homes. Termites travel back to the colony, sharing the bait containing novaluron, a fast-acting chitin synthesis inhibitor. As a result, **Trelona ATBS** achieves on-going structural protection through colony elimination.

Q2: What does a case of **Trelona ATBS** Annual Bait Stations contain?

A2: Each case contains 16 stations preloaded with two **Trelona** Compressed Termite Bait Cartridges. On average, PMPs should place a station every 15 feet. Each case of **Trelona ATBS** can treat an average of 240 linear feet.

Q3: How often should PMPs check the stations?

A3: With **Trelona ATBS** Annual Bait Stations installed around a structure, PMPs are required to inspect the stations annually. This reduces labor and the number of required site visits compared to other termite baiting products that require shorter inspection intervals. The new annual inspection label also gives the PMPs flexibility to check the stations more frequently if preferred.

Q4: Why do **Trelona ATBS** Annual Bait Stations contain two **Trelona** Compressed Termite Bait cartridges?

A4: To provide enough bait to enable an annual inspection interval, two **Trelona** Compressed Termite Bait cartridges are used.

Q5: Are there any similarities between novaluron (AI in **Trelona**) and noviflumuron (AI in Sentricon® Recruit® HD)?

A5: Both novaluron and noviflumuron are in the benzoylphenyl urea chemical class and have the same mode of action (chitin synthesis inhibition). Both have been tested in laboratory and field trials, and are proven to be effective.

Q6: How long will the bait last in the station?

A6: When installed according to the label, most **Trelona** bait cartridges can remain effective for 2 or 3 years under typical conditions. Aside from actual consumption of bait by termites, the length of time the bait will last in a station largely depends on environmental conditions, which can lead to a shorter life span.

Q7: Under what circumstances do I replace the termite bait cartridges (e.g., mold, termite feeding, other insects)?

A7: Per the label, when more than 1/3 of the bait matrix within a single cartridge is consumed by termites or is missing, replace the cartridge. Tests have shown that bait cartridges with certain types of mold and/or fungus can be even more palatable to foraging termites. Please continue using these cartridges! However, we recommend bait cartridges with excessive mold or fungus be replaced. According to field data, an average of 10-25% of bait cartridges are observed to be replaced yearly.

Q8: What happens to **Trelona ATBS** in flooding situations?

A8: When first installing stations, it is good practice to place stations in areas not prone to standing water. Also, the technician should auger out the soil a couple of inches deeper than the bottom of the station. This allows for excess water to drain out below the station. If it is evident that more than 1/3 of the bait matrix in a cartridge has been removed by excessive water, consider relocating the station and replace the cartridge. For additional questions, see the **Trelona** flooding bulletin.

Q9: What is the recommended spacing for bait stations?

A9: The **Trelona® ATBS®** Annual Bait Station label permits station spacing between 10 and 20 feet. It is recommended to place stations near termite activity and conducive conditions. Research trials involving **Trelona ATBS** Annual Bait Stations typically involve spacing stations at 15 feet.

Q10: What does the label allow for spacing requirements for station installations, especially regarding driveways, large slabs, etc.?

A10: Stations should be installed so that the maximum distance between any two stations does not exceed 20 ft. If the distance between two points of accessible ground around the structure exceeds 30 ft, then it is advisable to form one or more openings in the inaccessible surface for station installation.

Q11: What does BASF offer as an alternative to an above-ground station?

A11: Treatment of above-ground termite activity can be accomplished with **Termidor® Foam** Termiticide/ Insecticide, **Termidor® Dry** Termiticide and/or **PT® Alpine®** Foam Ready-to-Use Insecticide in much less time than with above-ground baiting options. Termites have to enter an above-ground station, start feeding and then transfer the active ingredient into the population. Multiple inspections and tweaking of the station placement may be needed to ensure that the termites begin feeding upon an above-ground station. Directed treatments into active areas with **Termidor** or **PT Alpine** allow for termite kill to start immediately, at time of initial treatment.

Q12: Are above-ground stations more effective than below-ground stations?

A12: Not typically. Control of termite colonies from baiting systems results from foraging termites in the soil locating and feeding upon below-ground stations. Above-ground stations or above-ground-directed **Termidor** or **Alpine** Treatments can supplement the bait system, but are not considered a stand-alone option for termite control and structural protection. In-ground stations are more effective because, as their name implies, subterranean termites spend more of their time foraging in soil. Placement of above-ground stations where termites have easy access to them is often difficult and encouraging termite feeding within an above-ground station can be difficult.

Q13: What are recommended tools to service **Trelona ATBS** Annual Bait Stations?

- A13:** a. 2-1/2" auger bit, available on www.ams-samplers.com or from your favorite distributor
b. The Spider station access tool
c. Cotter pin puller
d. Clean out tool (small auger or melon baller tool)
e. Stiff bristled brush
f. **Trelona** Compressed Termite Bait

Q14: Does BASF provide station location detectors?

A14: No. BASF recommends drawing inspection diagrams noting station locations.

Q15: Does BASF provide examples of inspection forms?

A15: Yes, hard copy forms and digital data templates are available through your BASF Pest Control Sales Representative.

Q16: How can PMPs obtain **Trelona ATBS** Annual Bait Stations?

A16: Pest Management Professionals can purchase **Trelona ATBS** products exclusively through authorized BASF distributors. With full ownership of the **Trelona ATBS** Advance Termite Bait System, PMPs are in greater control of their business.

Q17: Are there methods or programs that allow PMPs to track stations as they are maintained?

- A17:** Common pest control software programs include:
- PestPac, by WorkWave (www.pestpac.com)
 - ServSuite, by ServicePro (www.servsuite.com)
 - BrioStack (www.briostack.com)
 - PestRoutes Software (www.pestroutes.com)
 - Jobber (www.getjobber.com)

BASF does not endorse the vendors or products listed or shown, but offers this information as a convenience to its customers.

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¹ National Pest Management Association
Always read and follow label directions.

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TRELONA ADVANCE TERMITE BAITING SYSTEMS BY BASF:

Able to eliminate entire termite colonies in as little as 120 days, the Trelona® Advance Termite Bait System is a treatment recognized by state regulatory agencies and lenders to satisfy the termite closing letter requirements. What's more, they offer visible long-term protection without large amounts of termiticide.

Powered by the active ingredient Novaluron, Trelona ATBS provides ongoing structural protection through colony elimination. The new annual inspection label gives you the flexibility to check stations just once a year, however East End Pest Management provides a full inspection every 120 days.

Components

Termite Bait Station (TBS)

Ultra low disturbance design means less termite abandonment of the station

Dual-stage interior design provides two unique food sources.

Proven Performance.

The success of any termite baiting program depends on the ability of termites to locate the station. With its larger size and unique vertical slots, Trelona® ATBS Advance Termite Bait Stations are specially designed to create a termite-friendly environment. In fact, termites find Trelona® ATBS stations faster than they find the leading competitor's station.*

The bait station that termites find faster

Trelona ATBS Annual Bait Stations feature a superior design that leads to fast termite hits. In fact, in a university study, termites found Trelona ATBS Annual Bait Stations faster than Sentricon stations. In this study, Trelona ATBS and Sentricon stations were placed within 0.5 meters of an active termite colony. The study had 20 replicates and stations were checked daily over 46 days producing the results to the right.

Active colony elimination is the goal with Trelona ATBS. The active ingredient Novaluron, doesn't simply reduce the number of termites. It achieves on-going structural protection through colony elimination. Novaluron and noviflumuron are in the benzoylphenylurea chemical class and have the same mode of action (chitin synthesis inhibition). Both have been tested in laboratory and field trials, and are proven to be effective. For more information on Advance termite treatments and other termite control solutions please contact us. Thank you for choosing East End Pest Management.