

Trelona® ATBS

Annual Bait Stations

Frequently asked questions

To help ensure structural protection against subterranean termites, BASF developed **Trelona® ATBS** Annual Bait Stations (hereafter referred to as **Trelona Annual**), an advanced baiting technology with a convenient annual inspection interval. The most frequently asked questions about this innovative baiting technology are addressed below.

Q1: How do **ATBS** stations and **Trelona Annual** work?

A1: Termites find **ATBS** stations faster due to large station diameter and an innovative design with vertical openings that promotes better soil-to-bait cartridge contact. Results from one study indicated that it took about 8 days for termites to find 50% of the **ATBS** stations and about 33 days to find 85% of the stations.¹

After visiting the stations and feeding, foraging termites travel within their colony and share the bait, which contains the active ingredient (AI) novaluron, a fast-acting chitin synthesis inhibitor. As a result, **Trelona Annual** provides on-going structural protection through colony elimination.

Q2: Why is **Trelona Annual** ideal for structural protection?

A2: **Trelona Annual** can eliminate termite colonies that are currently foraging near the structure or that may invade in the future. **Trelona Annual** is low impact to the environment. Children, pets and wildlife have no contact with the bait as it is secured below ground in the **ATBS** station. During installation of the **ATBS** stations, there's no need for homeowners to leave their homes, and they can immediately enjoy outdoor activities once the installation is complete.

Q3: Can **Trelona Annual** be installed around newly constructed homes to meet lending guidelines?

A3: Yes, **Trelona Annual** is approved for pre-construction use/application. Installation can be performed after the home or structure is built and final grade has been established (preferably with landscape installed).

Q4: How often should **ATBS** stations be inspected?

A4: Label instructions for **Trelona ATBS** Annual Bait Stations allow for an annual inspection interval. This reduces pest management professional (PMP) labor and the number of site visits compared to other termite baiting/monitoring systems with shorter inspection intervals. However, the **Trelona ATBS** Annual Bait Stations label allows for more frequent PMP inspections, if preferred.

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

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

Q6: How long will **Trelona** Termite Bait Cartridges last in the stations?

A6: When installed according to the label, **Trelona** Termite Bait Cartridges can remain effective for up to five years under typical conditions.² Aside from actual bait consumption by termites, the length of time the bait will remain viable in a station depends on environmental and soil conditions.

Q7: Under what circumstances should **Trelona** Termite Bait Cartridges be replaced?

A7: There are two **Trelona** Termite Bait Cartridges per station. Per the **Trelona ATBS** Annual Bait Stations label, when more than 1/3 of the bait matrix within a single cartridge is consumed, it should be replaced. Tests have shown that **Trelona** Termite Bait Cartridges with certain types of mold and/or fungus can be even more palatable to foraging termites, so continue using these cartridges. However, we recommend that **Trelona** Termite Bait Cartridges with excessive degradation, mold or fungus be replaced.

According to field data, an average of 10-20% of **Trelona**[®] Termite Bait Cartridges may need to be replaced yearly. For additional information, review

[Best Practices for Cartridge Replacement](#).

Q8: What happens to **Trelona** Annual in areas prone to flooding?

A8: Technicians can auger out soil 1-2 inches deeper than station bottom to allow excess water to drain below the station.

If 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 information, review

[Technical Information Bulletin: Flooding](#).

Q9: What is the recommended bait station spacing around a structure?

A9: The **Trelona** Annual label permits station spacing up to 20 feet apart. Stations should be placed near termite activity and conducive conditions.

Q10: What does the **Trelona ATBS** Annual Bait Stations label allow for station spacing for driveways, large abutting slabs, etc.?

A10: **ATBS** stations should be installed so that the maximum distance between any two stations does not exceed 20 ft. However, if the distance between two points of accessible ground around the structure exceeds 30 feet, it is advisable to form one or more openings in the inaccessible surface for station installation. Concrete bait stations (available from distributors) can be used in these situations.

Q11: Are above-ground termite bait stations more effective than below-ground bait stations?

A11: Not typically. Control of termite colonies with bait result from foraging termites in the soil locating and feeding upon below-ground stations. Above-ground termite bait stations can supplement the below ground bait system; however, they are not considered a stand-alone option for termite control and structural protection.

Q12: What above-ground termite activity treatment options does BASF offer?

A12: BASF offers excellent non-repellent treatment opportunities for above-ground termite activity. Treatment of above-ground termite activity can be accomplished with **Termidor**[®] Foam Termiticide/Insecticide or **PT**[®] **Alpine**[®] Foam Ready-to-Use Insecticide. In contrast with baits, direct treatments into active areas with **Termidor**[®] Foam or **PT**[®] **Alpine**[®] Foam allow for termite kill to start immediately.

Q13: In addition to a diagram of the structure, with measurements and conducive conditions, what are the recommended tools to install and service **ATBS** stations?

A13: From your distributor, you will need:

- **ATBS** stations
- **Trelona** Termite Bait Cartridges (TBC)
- Replacement station lids
- “Spider” tool to access **ATBS** stations

From ams-samplers.com or your distributor:

- 2-1/2” auger bit and a powered or manual auger
- A clean-out auger tool (hand or powered)

From a hardware store:

- Cotter pin puller
- Melon baller to clean out the stations (for tight spaces)
- A stiff-bristled brush

Q14: Does BASF provide examples of inspection forms?

A14: Yes, check with your BASF sales specialist.

Go to <https://pestcontrol.basf.us/rep-finder.html>

Q15: How can PMPs obtain **Trelona** Annual and **ATBS** stations?

A15: **Trelona** products are available exclusively through authorized BASF distributors. PMPs’ ownership of the **Trelona** products allows for greater control of PMP business operations.

Q16: Are there methods or programs that allow PMPs to track stations (inspection dates, termite activity, bait condition, etc.) as they are serviced over time?

A16: A number of popular web-based and app-based options are available in the industry to help PMPs track their termite bait accounts. BASF does not endorse any particular system.

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1 Data from 2012 Univ. of Delaware. Graduate Research Dissertation
2 Efficacy of ATBS-TRELONA on Subterranean Termites at Infested Structures in TX (*Reticulitermes* spp), 2019. Internal Trial ID's: 13DAR019 & 13DAR020


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