

Controlling Tawny Crazy Ant with Termidor® SC Termiticide/Insecticide and Alpine® WSG Water Soluble Granule Insecticide



These ants are rapidly spreading throughout Texas and the Gulf Coast states. They are becoming one of the most significant nuisance ants in that geographic region

due to their ability to infest areas in and around homes, warehouses, industrial concerns, etc., even invading electrical switch boxes and causing shortages. In areas of heavy infestation, it can be nearly impossible for homeowners and companion animals to spend time in their yard without unwanted encounters with these pests.



Why are they so dominant?

Since their discovery in Texas in 2002, tawny crazy ants have exhibited the ability to successfully establish themselves. A primary reason for this is that they are able to aggressively outcompete red imported fire ants. They are able to do this in part because of their very large colony sizes and, as one study revealed, because of their ability

to secrete a substance that essentially renders the venom from the red imported fire ant ineffective. (*LeBrun, Science, 14 Feb 2014*). In summary, the ability of the tawny crazy ant to outcompete the fire ant is a primary reason they have been so successful in becoming established and continuing their spread.

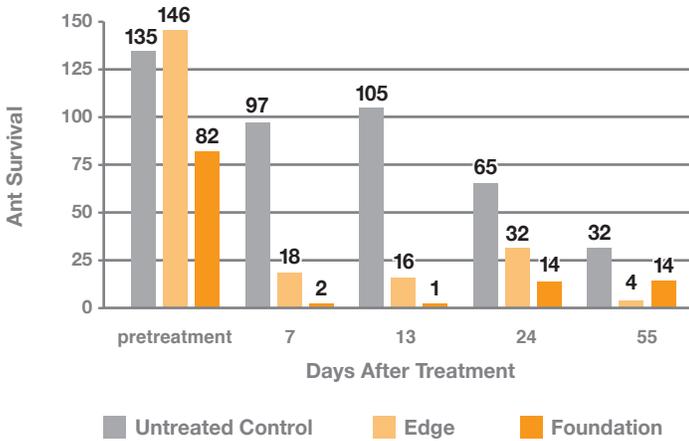
The solution: The duo of Alpine® WSG Water Soluble Granule insecticide and Termidor® SC termiticide/insecticide

BASF has developed an innovative solution to improve upon the efficacy of **Termidor SC** termiticide/insecticide Section 18 Quarantine Exemption label treatments. The new solution combines the **Termidor SC** termiticide/insecticide Section 18 Quarantine Exemption label treatment with **Alpine WSG** insecticide, a treatment solution that has proven to be more efficacious than a **Termidor SC** termiticide/insecticide treatment alone. The charts on the following page compare the combination of **Termidor SC** termiticide/insecticide and **Alpine WSG** insecticide versus treatment with **Termidor SC** termiticide/insecticide Section 18 Quarantine Exemption alone. The charts indicate a significant improvement at the edge of the 10-foot barrier at 55 days post-treatment. The “edge” represents the incoming populations that will attempt to invade the structure, and is therefore a critical component of a complete tawny crazy ant treatment. This new treatment protocol can provide an improvement in efficacy, potentially allowing for a change in treatment.

Field Efficacy of Termidor® SC Termiticide/Insecticide and Alpine® WSG Water Soluble Granule Insecticide on Tawny Crazy Ants (*Nylanderia fulva*) in LA

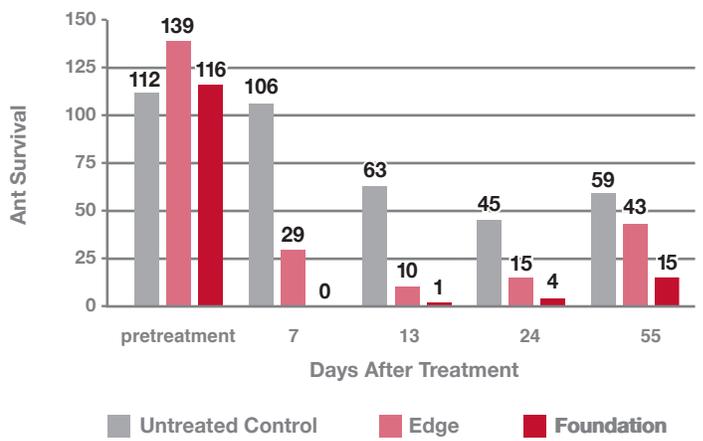
Termidor (0.06%)

Section 18: 3 ft up/10 ft out and Alpine WSG (0.10%)



Termidor (0.06%)

Section 18: 3 ft up/10 ft out



D. Ring, Louisiana State University and McKenzie Pest Control, 2013

Termidor SC termiticide/insecticide Section 18 Quarantine Exemption use for tawny crazy ants has been extended until October 1, 2019 for Louisiana and April 1, 2019 for Mississippi and Texas. These exemptions allow alternate uses of **Termidor SC** termiticide/insecticide, such as nest treatments, perimeter treatments of 3 ft up by 10 ft out, treatments up to 10 feet around electrical wires, and broadcast treatments applied two times per year per structure.

For more information, please visit pestcontrol.basf.us or contact your BASF sales representative.