



 **BASF**

We create chemistry

Absolute Ant Control

Providing Ant Control - Inside and Out

As social insects, ants live in colonies with division of labor and multiple castes that include foragers, workers, nurses, male and female alates, and queen(s). Their complex social structures, foraging habits, and nomadic nesting tendencies make ants difficult to control. Applying the wrong insecticide may kill a few workers but not the entire colony, resulting in callbacks that can lead to loss of profitability and customer satisfaction.

Using the right solutions from BASF from the start can help you establish successful treatment protocols and longstanding customer relationships, which can build a foundation for future business.



Challenge

Controlling Ants Inside and Out

Repellent Insecticides Rarely Result in Colony Death

Ants are particularly adept at circumventing repellent chemical barriers. These insecticides generally affect only the ants contacting the treatment, usually the foraging workers, with minimal affect on the remainder of the colony. These efforts can be futile especially with some ant species that form super colonies that can infest multiple properties.

Killing a few workers means the colony survives, leading to call backs.

Repellent Insecticides

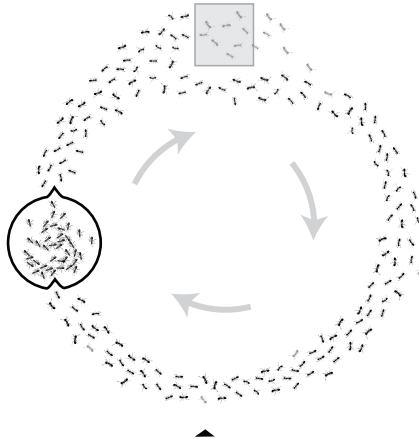
1

Forager ants will venture out of the colony scouting for food

2

Ants will easily detect repellent insecticides and avoid treated areas, only causing mortality of a few foragers

Treated Area



3

Ants that do contact the treated areas often die, with little to no chance to recruit or interact with other nest mates

4

Transfer potential is unlikely, leaving a healthy colony to quickly recover and re-invade the home

 Exposed Ants

 Unexposed Ants

The colony can recover and ant population continues to grow



Little to
No Transfer

Transfer Effect Helps Eliminate Ant Populations at the Source

BASF has solutions that control ants at the source, utilizing undetectable, non-repellent formulations that promote transfer.

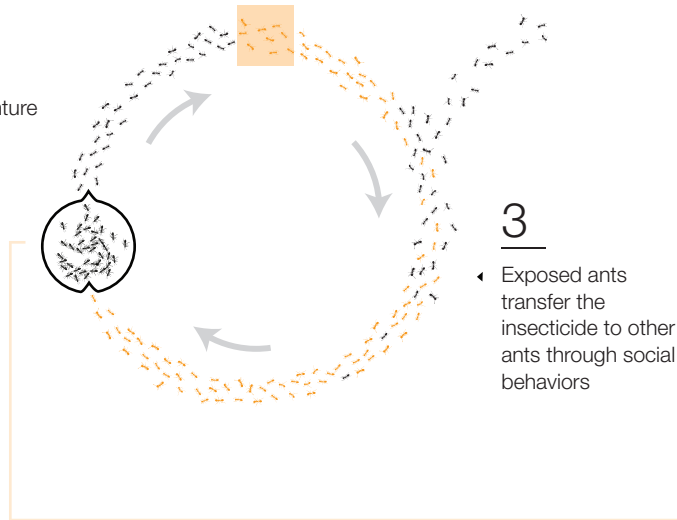
How Transfer Effect Takes Place

- 2 | Ants unknowingly travel through non-repellent treated areas and pick up a lethal dose of the slow acting insecticide

Non-repellent Treated Area

1

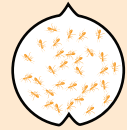
Forager ants will venture out of the colony scouting for food



3

- Exposed ants transfer the insecticide to other ants through social behaviors

Exposed ants through social interaction unknowingly transfer the insecticide to other ants in the colony.

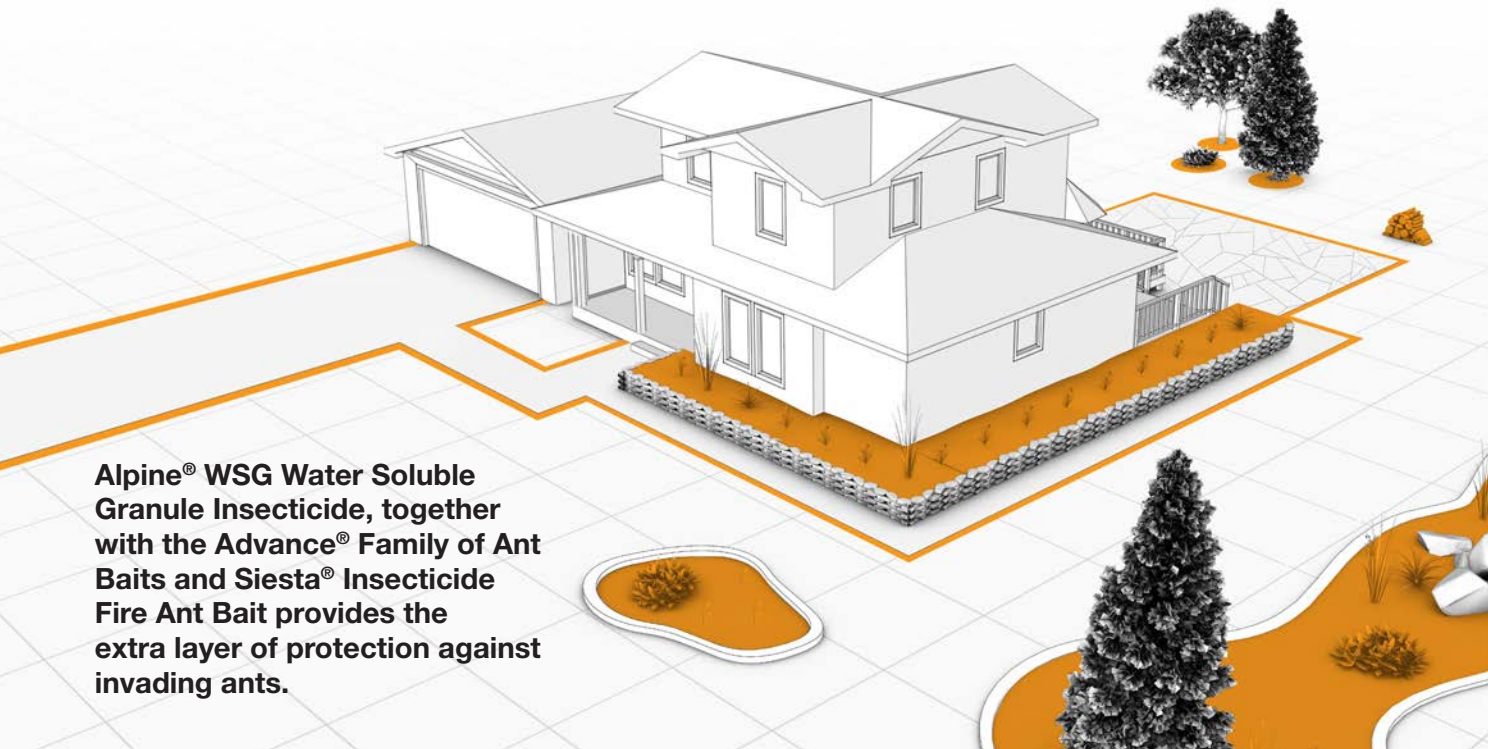


Best Practice

Exterior Off Structure

Applying treatments away from the structure where ants are observed trailing, nesting or near resource sites (including trees and planting beds) reduces the ant pressure around the structure and helps prevent invading colonies from becoming established close to the house.

Alpine® WSG Water Soluble Granule Insecticide, together with the Advance® Family of Ant Baits and Siesta® Insecticide Fire Ant Bait provides the extra layer of protection against invading ants.



Best Practice

Exterior On Structure

BASF Absolute Ant Control Solution protocol is applied in “Layers of Treatment” outside and inside, to expand the transfer zone and take advantage of distinct ant behaviors.



**Fight ants with Termidor® SC
Termiticide/Insecticide,
America's Leading Ant
Control Product**

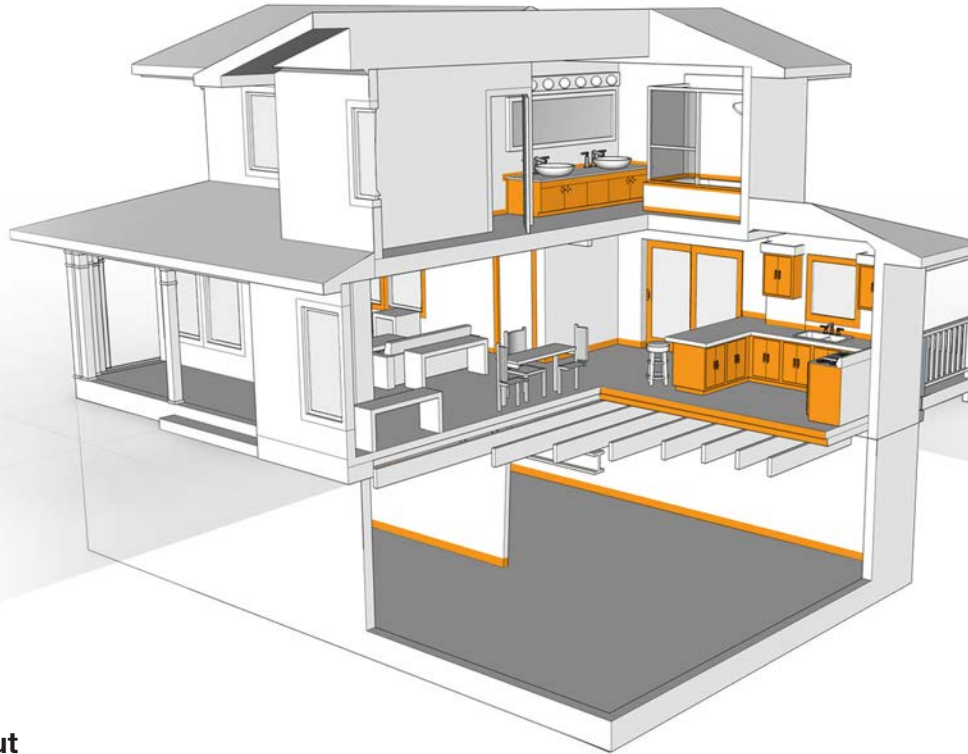
Best Practice

Inside Structure

Alpine WSG® Water Soluble Granule Insecticide gives you the power of transfer effect indoors and outdoors.

The Absolute Ant Control Solution also includes a flexible range of other non-repellent indoor ant control products for complex situations that complement

Alpine WSG Water Soluble Granule Insecticide without the risk of “budding” or “lock-in” that often occurs with repellents.



Target problem areas using non-repellent products without risk of “locking in” ants.

BASF Solution

Alpine® WSG Water Soluble Granule Insecticide

Brings transfer effect indoors. Other indoor benefits include:

- low odor
- no staining
- flexible label
- comfort of reduced risk*
active ingredient for the
home owner

For complex environments

Termidor® Foam Termiticide/Insecticide

Features the same genuine transfer effect as other Termidor products, this formulation is designed to treat voids and ant galleries wherever ants enter, hide or harbor, both indoors and outdoors.

Advance® Family of Ant Baits

Practical indoor option and when they are used in accordance with the label, pose a low risk to inhabitants

Use **Alpine WSG** Water Soluble Granule Insecticide
to bring the transfer effect indoors

*Alpine formulations contain the active ingredient dinotefuran, a non-repellent active that the EPA has granted reduced-risk status for public health use.

Best Practice

The Right Combination for Peace of Mind

Used in combination, **Termidor SC**® Termiticide/Insecticide and **Alpine WSG**® Insecticide help eliminate ant colonies, reduce callbacks, and encourage customer retention. Homeowners can rest easy, knowing that ants are no longer a problem, inside or outside.

Suggested Treatment Windows

| | | | |
|--|--|--|--|
| Interior and Exterior Off Structure Applications | |  Termidor SC Termiticide/Insecticide |  Alpine WSG Water Soluble Granule Insecticide |
| Year Round |  | | |

Exterior Perimeter Applications

| | | | | | | |
|--------------|------|-----|-------|-------|-----|------|
| Low Pressure | Jan | Feb | March | April | May | June |
| | July | Aug | Sep | Oct | Nov | Dec |

| | | | | | | |
|---------------|------|------|-------|-------|-----|------|
| High Pressure | Jan | Feb* | March | April | May | June |
| | July | Aug | Sep | Oct | Nov | Dec |

Increase efficiencies by controlling ants with year round transfer effect both indoors and outdoors

Use **Advance** family of ant baits and Siesta Fire Ant Bait as needed to expand the transfer zone.

*CA does not allow Termidor SC applications around structures November through February.



Suggested Treatment Windows



Termidor® SC Termiticide/Insecticide

Termidor SC termiticide/insecticide has long been regarded as the revolutionary ant control product. Expanded label directions have been approved by the EPA that enable you to use **Termidor SC** Termiticide/Insecticide up to four times per year.



Termidor® Foam Termiticide/Insecticide

Termidor Foam is the preferred void treatment product for ants. Featuring the same genuine transfer effect as other Termidor products, this formulation is designed to treat voids and ant galleries wherever ants enter, hide or harbor, both indoors and outdoors.



Alpine® WSG Water Soluble Granule Insecticide

Alpine® WSG Water Soluble Granule Insecticide is the only dilutable to bring transfer effect indoors. Its active ingredient, dintotefuran, has Reduced Risk status and a broad label that allows you to apply this insecticide in almost any outdoor or indoor setting, including off-structure and food-handling areas.



Advance® Family of Ant Baits

With the **Advance** family of ant baits, you have different options to control ants both indoors and out. Their desirable bait matrices are quickly accepted by a wide variety of ants. The active ingredients have delayed action, allowing workers to share bait throughout the colony. **Advance** Granular Carpenter Ant Bait and **Advance 375A** Granular Ant Bait can be used around termite bait stations, in ant bait stations or as a perimeter, mound or broadcast treatment. **Advance 360 Dual Choice** Ant Bait Stations can be placed along walls, baseboards, under sinks, and around appliances.

Siesta® Insecticide Fire Ant Bait

Siesta Insecticide Fire Ant Bait is best applied as a broadcast treatment where foraging ants and mounds that remain hidden or unnoticed receive coverage. Broadcast treatments can be applied to the area using a hand spreader, backpack or push-type spreader. For larger acreage, spreaders can be attached to an ATV, truck or tractor to allow for even coverage.

BASF is committed to giving you the best strategy and portfolio of innovative technology available for ant control. From training and support to the most advanced ant control products available, count on us to increase your service efficiency and customer satisfaction.

Contact your **BASF** representative for more information or visit pestcontrol.basf.us.

