

SWITCH TO

niban[®]

GRANULAR BAIT



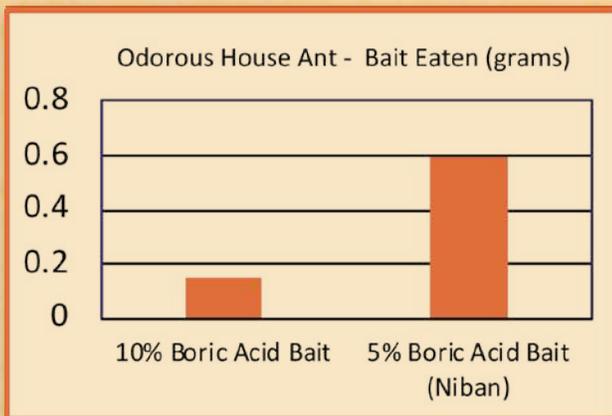
GRANULAR BAIT

MORE ATTRACTIVE TO ANTS
KILLS & CONTROLS COCKROACHES,
CRICKETS, EARWIGS, SILVERFISH,
SLUGS & SNAILS

Niban is more attractive to ants

For a bait, optimizing the percentage active is scientifically a must. For any bait, too low a percentage active and control will take too long; too high a percentage active will reduce attractiveness and actually repel the ants. Niban is optimized to a 5% boric acid scientifically proven to be the “sweet spot”. A 10% active means you are removing 5% of the food and attractant from the product.

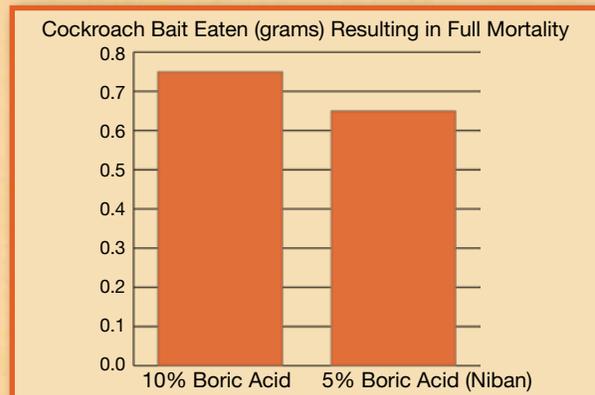
In an odorous house ant study, ants chose Niban (5% boric acid) at 3x the rate of 10% boric acid (below, left). In a single replicate field screening, Argentine ants took *all* the Niban, leaving the 10% boric acid bait literally untouched, showing that too much boric acid is not palatable to certain insects (below, right).



Cockroach mortality similar to 10% bait, even with less consumption

In a 21-day study with American cockroaches, Niban 5% boric acid bait had a similar mortality to 10% boric acid bait (below).

Product	Mortality
10% boric acid bait	100.0 \pm 0.0
5% boric acid bait (Niban)	98.0 \pm 2.0



Have you heard “*double the active, use half as much*”?

While this might work for soil termiticides, it’s not true for baits. As this study shows (above), Niban 5% boric acid bait provided similar mortality as 10% boric acid bait at 21 days, even when less bait was consumed.

FALSE

Have you heard “*lower application rate means you can use less*”?

FIFRA provision 2(ee) clearly sets forth provisions as to when a product can be used and NOT be inconsistent with the label. You may *never* use more than the label rate. Niban 5% gives you more flexibility to use the optimal amount. So...

...you can always apply Niban at less than the label rate.

This means you can apply less product at just the right amount needed to get control, no matter what the label rate is! Heavy pressure might require full rate, but general maintenance will require less.

TRUE

Application convenience

Niban is easy to use and is available in a 4-pound Comfort Grip® container, 40-pound box and the new 10 lb. bag. The patented Comfort Grip jug acts as a convenient, comfortable and reusable container that saves you application time and money. Simply walk around the perimeter of the structure using the Comfort Grip container to apply the granules easily and effectively.

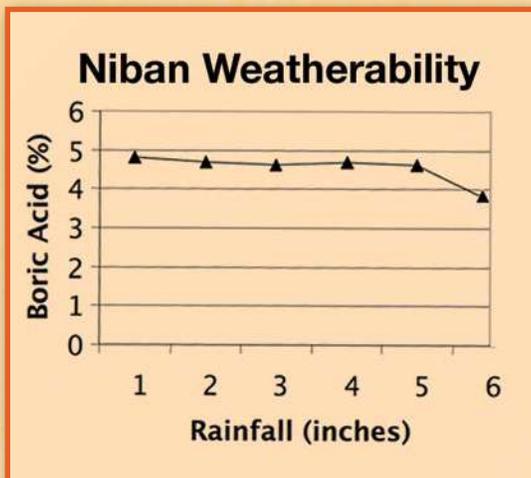
Long-lasting protection

Many granular insecticides and baits lose their effectiveness as soon as they get wet. Other granules degrade in heat or photo-degrade with exposure to sun, leaving them ineffective. But with Niban, all those problems are solved. Niban is a specially formulated weatherized granular bait that won't degrade in sunlight or heat and can last through up to 4" of rain.

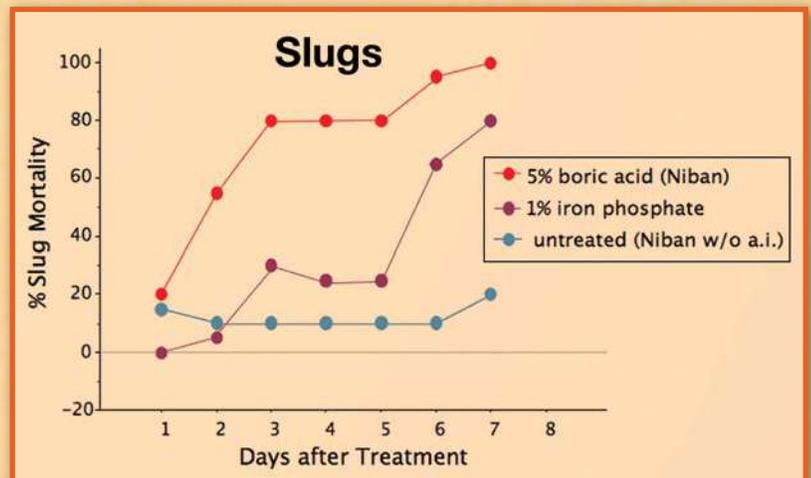
Another problem with other baits is that mold will grow on the granules in high moisture environments, making them unattractive to pests as a food source. Niban resists mold growth on the bait. This provides your treated homes with protection that lasts long after other baits break down.



**CONVENIENT
10 LB. BAG**



Niban stands strong in all kinds of weather. Even after 4 inches of rainfall, it will still contain enough boric acid to be efficacious and will not degrade.



In an independent study, slugs were exposed to two boric acid baits, a commercial iron phosphate bait, and a bait without an active ingredient. Niban killed all slugs within 8 days.



Niban is the choice for Green Pest Management®

Niban is great for maintenance programs and sensitive accounts. Formulated with boron, an element that is found throughout nature, Niban poses a very low impact to the environment. It's an excellent choice for use around homes, businesses, schools, hospitals and other sensitive accounts. In fact, at low levels boron is an essential micronutrient for plants and animals.

Many baits intended for pests can be a hazard for pets and wildlife. Birds are one of the most sensitive species to these effects. So, when the New York City's Central Park Zoo bird aviary needed to control cockroaches, they chose Niban. After more than 20 years, there have been no reported incidents... unless you're a roach.

Niban specifically targets pests

There's no better professional grade, all-around bait for targeting the two most prominent invading pests you deal with: cockroaches and ants. That's because Niban has been carefully formulated to attract and eliminate a wide variety of pests – its range of granule sizes means it's effective on different size pests. And for those who need an even smaller bait particle size, there's Niban-FG, with the killing power of Niban in a fine granule size. This provides you with a single solution for a wide spectrum of common pests, including:

ANTS: Argentine, Carpenter, Thief, Pharaoh, Little Black, Pavement, Odorous House and Crazy

COCKROACHES: American, German, Brown, Asian, Brown Banded, Smokey Brown and Oriental

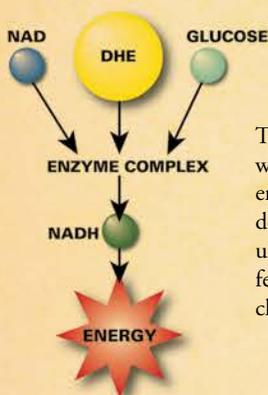
CRICKETS: Camel, House, Field and Mole

SNAILS • SLUGS • EUROPEAN EARWIGS • SILVERFISH

How does boron work? Here's some science!

Normal Metabolism

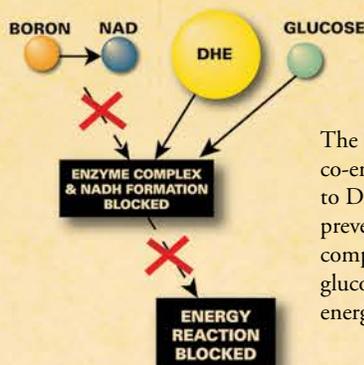
A simplified view



The NAD co-enzyme combines with DHE (dehydrogenase enzyme) & glucose which is broken down. NADH is a by-product that ultimately produces energy when fed into the electron transport chain.

Metabolism Interrupted by Boron

A simplified view



The boron molecule attaches to the NAD co-enzyme, blocking NAD from attaching to DHE (dehydrogenase enzyme) and preventing formation of the enzyme complex and NADH. As a result, the glucose reaction is also blocked, and no energy is released.

Application

Outdoors:

- As a perimeter treatment around structures
- Flower beds and gardens for slugs and snails
- Around wood piles for carpenter ants
- Near garbage receptacles and dumpsters
- Around ant mounds
- Under porches and under decks
- To transformers and utility boxes
- To sewers and manholes

Indoors:

- In soffits and attics
- Under kitchen and bathroom cabinets
- Into wall voids and plumbing penetrations
- Into cracks and crevices
- In bait stations in areas accessible to children
- Under dishwashers and stoves
- Into gaps in baseboards, door frames and windows

Special offer

For a limited time, contact your Nisus sales representative and receive a FREE customized Comfort Grip® service container for each of your routes. These durable containers make application simple and are easy to reuse.



NISUS™

Better science for a better world.

100 Nisus Drive • Rockford, TN 37853
800.264.0870 • www.nisuscorp.com

Remember, always read, understand and comply with the label. Refer to the label and Safety Data Sheet for more information.

Niban, Niban-FG, Comfort Grip, Green Pest Management, Nisus and Nisus Corporation are trademarks or registered trademarks of Nisus Corporation. ©2021 Nisus Corporation #NB-BRO-0221