



PROFESSIONAL PEST MANAGEMENT

EFFECTIVE ANT CONTROL. APPRECIATIVE CUSTOMERS.

Technical Bulletin

FOR LIFE UNINTERRUPTED™

 **Advion[®]Ant**
Gel bait

syngenta[®]

TM

UNIQUE CHEMISTRY FOR OPTIMUM ANT MANAGEMENT

Despite their size, ants can present huge problems to properties, businesses and public institutions. **Advion® ant gel bait** from Syngenta Professional Pest Management provides unmatched control over a diverse spectrum of ants, including all sweet feeder ants.

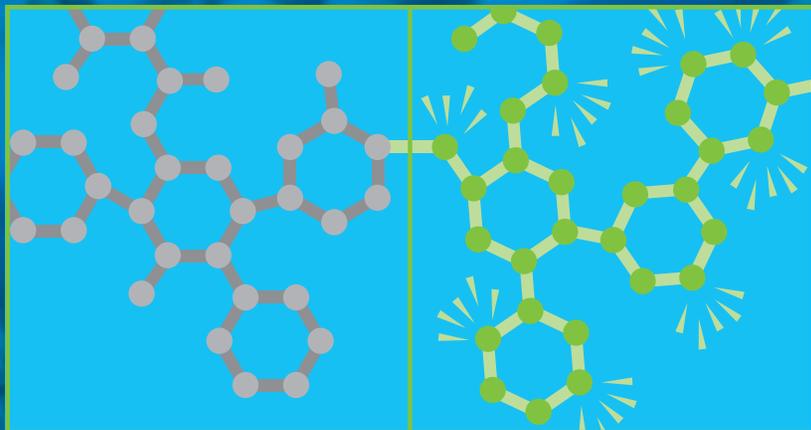
Its highly palatable formula delivers rapid results and maintains integrity over longer periods for increased effectiveness. Labeled for application indoors and outdoors, Advion is the solution to solve your customers' ant problems quickly and effectively, so they can spend their time and energy on what is important to them.

Commanding Gel Formulation

The formulation of Advion ant gel bait combines food-grade inert carriers, highly effective attractants and carbohydrates to enhance the appeal to targeted ants. Ants find Advion so attractive that they have shown favor to it over other food sources. The slight delay in ant mortality, caused by the active ingredient, *indoxacarb*, allows ants to consume the bait and return to the nest to contaminate other ants, resulting in significant reduction in ant populations.

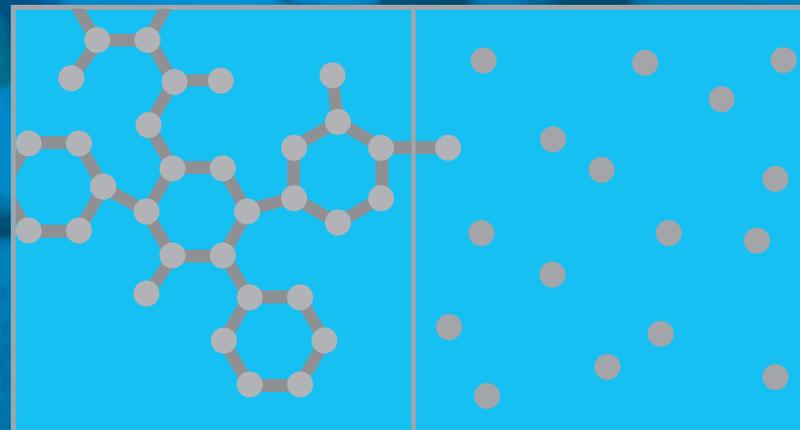
A Differentiating Mode of Action

Advion can effectively differentiate between target insects and non-target insects. The mode of action in Advion targets the insect's metabolic process by bioactivating the active ingredient, *indoxacarb*, within target insects.



Target Insects

Upon entering an insect, *indoxacarb* is converted into a new molecule with insecticidal properties. This process is activated specifically by the insect's own enzymes.



Non-Target Insects

The bioactivation process of Advion is not as efficient within most non-target insects, so they are less likely to be affected by the product.

Ant Feeding Habits

Ant feeding preferences can change from sweet foods, such as honeydew, to proteins to oils. The formulation of Advion ant gel bait takes this into account for greater acceptance by more ant species, including sweet feeder ants.

Sweet Feeders

- ▶ Argentine
- ▶ Bigheaded
- ▶ Carpenter
- ▶ Cornfield
- ▶ Crazy
- ▶ Field
- ▶ Honey
- ▶ Little black
- ▶ Odorous house
- ▶ Pavement
- ▶ Pharaoh
- ▶ Pyramid
- ▶ Red imported fire
- ▶ Thief
- ▶ White-footed

Proteins

- ▶ Bigheaded
- ▶ Crazy
- ▶ Pharaoh
- ▶ Red imported fire
- ▶ Thief

Oils

- ▶ Argentine
- ▶ Harvester
- ▶ Little black
- ▶ Pavement
- ▶ Pharaoh
- ▶ Red imported fire
- ▶ Thief

Number of Ant Species Controlled

Advion® Ant Gel Bait



MaxForce® FC Ant Killer Bait Gel



MaxForce® Carpenter Ant Gel



Advance® 388B Gel



InTice™ Smart Ant Gel



Gourmet Ant Bait Gel®



MATRIX® Roach and Ant Bait



1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19

More Ant Species on the Label than Any Other Product

The extensive field trials conducted with Advion across the various species of ants prove Advion delivers diverse-spectrum performance. Advion currently has more ants listed on its label than any other ant gel bait currently on the market.

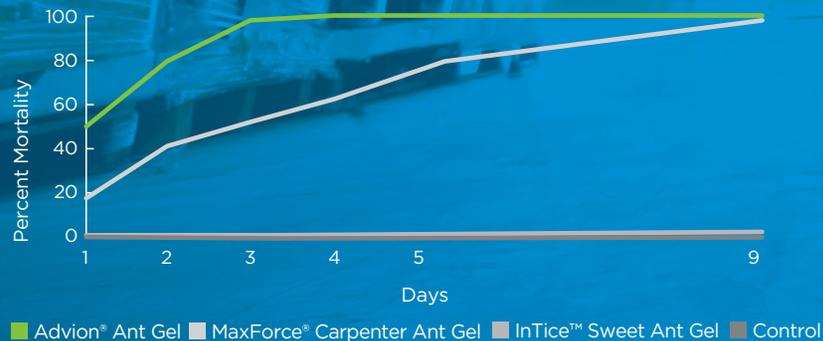
Carpenter Ant Mortality Trial¹

Key Characteristics

- ▶ Various species of carpenter ants inhabit geographies across the United States
- ▶ Classified as a Pest Ant Species of Public Health Importance

This lab trial shows Advion produced results in less than 24 hours and reached 100 percent mortality of carpenter ants by day three.

Source: Purdue University, PRO68910



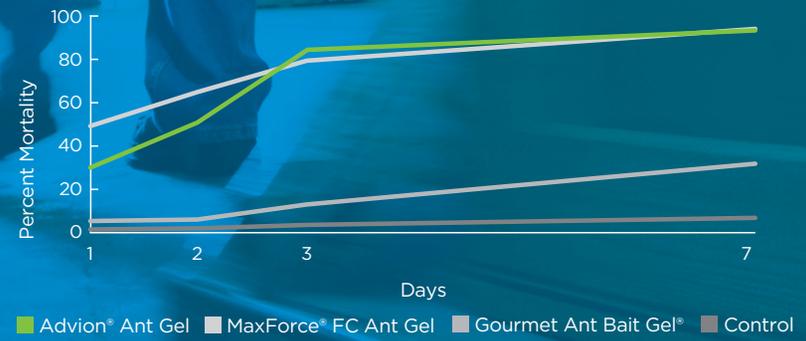
Argentine Ant Mortality Trial¹

Key Characteristics

- ▶ Distributed across the United States and worldwide
- ▶ Multiple queens mean the colonies have tremendous capacity for growth

Within just three days, Advion had achieved more than 80 percent control of Argentine ants.

Source: North Carolina State University, PRO68908



¹ Trials reflect treatment rates and mixing partners commonly recommended in the marketplace.

ADVION ANT GEL BAIT PROFILE

- ▶ Labeled to control a broad range of at least 19 different key ant species
- ▶ Highly palatable, smooth formulation
- ▶ Gel locks in moisture for extended appeal to ants
- ▶ Impacts all life stages of key ant species
- ▶ Translucent, no odor and non-staining formulation
- ▶ Approved for use in food-handling establishments, as directed by the product label

Advion ant gel bait was formulated to meet the needs of PMPs and control a broad spectrum of ants. The innovative chemistry of Advion helps get the job done right the first time to give your customers a life uninterrupted by the nuisance of ants.

To learn more about Advion ant gel bait, please visit www.SyngentaPMP.com or call **1-866-SYNGENT(A) (796-4368)**.



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