Gel Bait-Averse Populations

Research shows that the bait matrix, or formulation, of some gel bait products is no longer appealing to certain cockroaches, meaning cockroaches will not feed on the bait. Advion Cockroach Gel is designed to overcome this phenomenon. The formulation for Advion Cockroach Gel was developed with technology to specifically overcome the gel bait-aversion behaviour exhibited by these tough cockroach populations. Further, Syngenta is committed to monitoring any change in response in order to assure superior performance for years to come.

Product Dispensing

Advion Cockroach Gel exhibits a smooth, consistent viscosity in application tests. Using a mechanism that tracked the pressure required to pull a baitgun trigger for product dispensing, Advion Cockroach Gel applications were consistent pull after pull. Because Advion Cockroach Gel has such a smooth formulation, you can feel confident applying the correct amount of gel, even in areas hidden from direct view.

Performance

Numerous studies with Advion Cockroach Gel have shown that Advion provides excellent control of the key cockroach pest species commonly causing problems in the UK. Trials conducted in the UK against the Oriental Cockroach (*Blatta orientalis*) and then the German Cockroach (*Blattella germanica*) are summarised in order to indicate this efficacy.

FOR LIFE UNINTERRUPTED™

syngenta_®

USE BIOCIDES SAFELY.ALWAYS READ THE LABEL AND PRODUCT INFORMATION BEFORE USE. ADVION® is a trademark of a Syngenta Group Company.

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Control of Oriental Cockroach



Control of German Cockroach



Advion Cockroach Gel bait efficacy

Competitor gel bait efficacy

Untreated





ATTRACTIVE TO COCKROACHES. ATTRACTIVE TO YOUR BUSINESS.

Bioactivated chemistry combined with a proprietary, high consumption matrix for comprehensive control of all cockroach pest species.







Advion® Cockroach Gel benefits

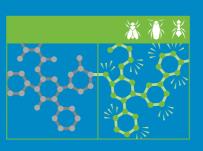
Advion® Cockroach Gel bait combines a proprietary high-consumption bait matrix with a unique, non-repellant active ingredient that bioactivates inside cockroaches to its active form. Studies show that this formulation quickly attracts cockroaches, even in situations with existing food sources. Advion Cockroach Gel can be used in a wide variety of application sites.

- Timely & comprehensive control of all key cockroach species
- For indoor and outdoor use
- Labeled for food-handling establishments
- Highly palatable formulation
- → Bio-activation by cockroach enzymes

Winning chemistry

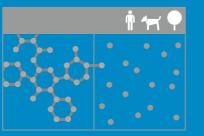
Advion Cockroach Gel contains a proprietary active ingredient that is the only current member of its class of chemistry, the oxadiazines, that is commercially available as an insecticide.

It performs like no other insecticide, offering a mode of action for insect control that presents a benefit to pest management professionals by relying on the target insect pest's metabolic activation process. This process is significant because metabolic activation allows the active ingredient in Advion Cockroach Gel to effectively differentiate between insect pest and non-target organisms, like mammals.



Target Organisms

Through chemical optimisation methods, scientists engineered the active ingredient in Advion to be bioactivated and utilise the insect pest's own enzymes for metabolic conversion to its active form.



Non-Target Organisms

Because natural enzymes found in insect pests are the key to its biological effectiveness. Advion can effectively differentiate between target insect pests and nontarget species.



