



PROFESSIONAL PEST MANAGEMENT

THE ALTERNATIVE TO PYRETHROIDS.

Advion® WDG is a versatile non-pyrethroid insecticide that allows pest management professionals to better balance pest control and its impact on the environment.

 **Advion® WDG**
Insecticide

syngenta®

Advion®WDG on target

As a non-pyrethroid, Advion® WDG offers an alternative way to be more targeted in your approach to insect pest control.

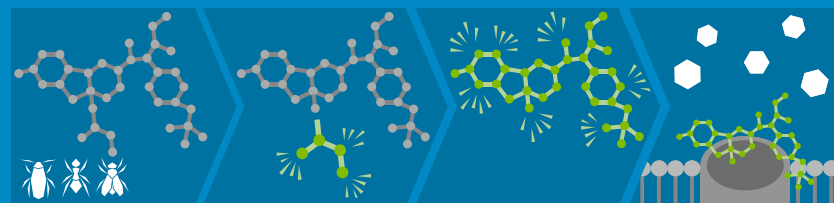
- ▶ On target to hit the pests you want to control
- ▶ On target to reach pests in all situations, including food-handling sites
- ▶ On target to control pests resistant to other insecticides

New chemistry, revolutionary mode of action.

Thanks to a unique bio-activation process, Advion WDG differentiates between target insect pests and other non-target organisms.

That makes it extremely flexible and easy to use in a wide range of situations hitherto difficult to control insect pests.

Syngenta works alongside Pest Management Professionals to fully understand the challenges you face every day. This expertise is reflected in the innovative chemistry of Advion WDG insecticide, an outstanding solution to help your customers to live their lives in a pest-free environment.



1. Exposure

Pest comes into contact with Advion WDG.

2. Transformation.

Pest's enzymes transform indoxacarb.

3. Bioactivation

Resulting molecule is converted into the powerful bioactive form.

4. Control

Target site blocking of pest's nervous system leads to paralysis and death.

Flexible use with reliable results

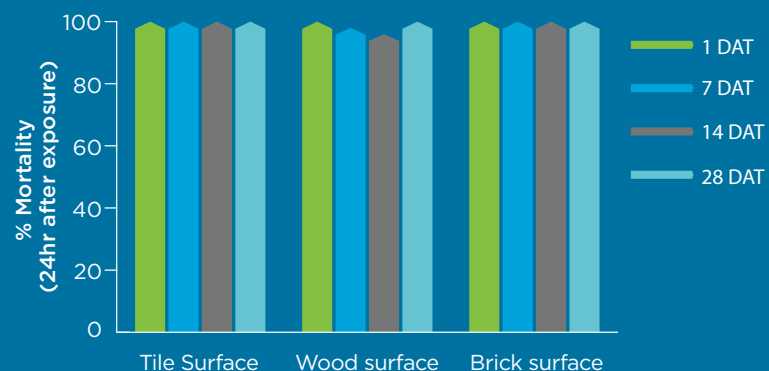
Advion WDG can be applied both indoors and outdoors in a range of situations. It is approved for use in areas including:

- ▶ Residential
- ▶ Commercial property
- ▶ Food-handling establishments*
- ▶ Rural hygiene*

Lab trials have demonstrated that Advion WDG offers highly effective residual control of insect pests on all treated surfaces. The chart below shows the residual performance of Advion WDG against German Cockroaches (*Blattella germanica*). In this trial, ceramic tile, wood and brick surfaces were treated with Advion WDG at 0.01% and aged for 1, 7, 14 and 28 days after treatment (DAT). The German cockroaches were then exposed to the treated surfaces during 24 hours. The results show an excellent residual control of German cockroaches across all surface types tested.

*As per country specific label instructions.

1. Excellent residual control on several surfaces

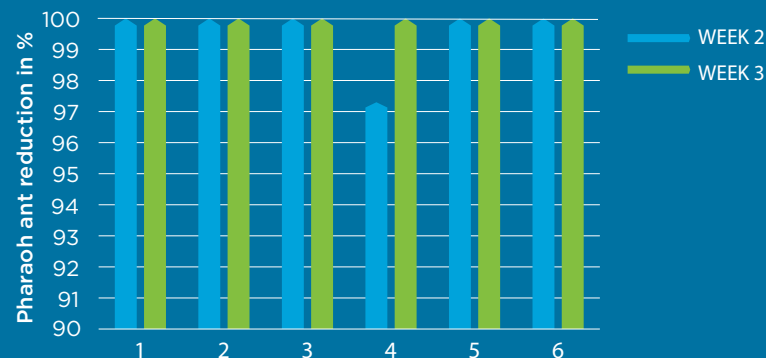


Excellent residual control of German cockroaches across multiple surface types. (Drs. Roberto Pereira and Phil Koehler, University of Florida, PR097608, 2010)

The non-repellent activity of Advion WDG ensures longer insect contact with the treated surfaces and efficient pick-up of insecticide, enhancing control. Additionally, Advion WDG features a built-in delay in mortality. As a consequence, cockroaches, for example, will carry the insecticide back to their harborage area and transfer it to other insects by contact causing eradication of the insect population.

In the chart below, six apartments infested with Pharaoh ants were treated with Advion WDG at 0.01%. The treatment resulted in the total elimination of the Pharaoh ants at all test sites, during the 3 weeks after treatment. This indicates the transfer of the insecticide to the non-foraging population.

2. Successful control of Pharaoh ants



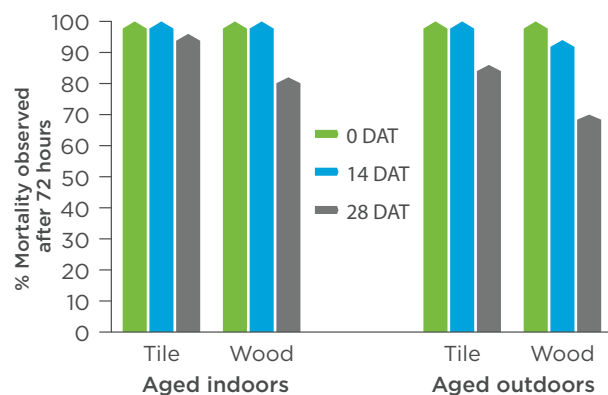
Eradication of Pharaoh ants in 6 apartments in Czech Republic. (i2L, 15/251, 2015)

In the trial below, the treated surfaces were aged indoors and outdoors for 0, 14 and 28 days after treatment (DAT).

Then house flies were exposed to the treated surfaces with Advion WDG at 0.05% for 1 hour. The mortality was observed 72 hours later.

Advion WDG provided very good control of house flies for up to 28 days even on unpainted wood which is a challenging surface due to its porosity.

3. Long-term control of houseflies



FOR LIFE UNINTERRUPTED™



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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A formulation to fit your needs

Advion WDG is supplied as a water dispersible granule that is easy and accurate to measure. It mixes readily with water, for application as a low-odor, non-clogging and non-staining spray.

Convenient unit dose pack size enables quick dosing and easy mixing.

Advion WDG is ideal for multi-pest control in IPM or resistance management programs

Advion WDG: the alternative to pyrethroid resistance

- ▶ Contains indoxacarb, a proprietary active ingredient that is the only sprayable biocide of its class of chemistry
- ▶ Bio-activated to its highly insecticidal form by the insect metabolism
- ▶ Long-lasting residual effect and optimal control of wide range of crawling and flying insects
- ▶ Favorable safety profile, approved for use in residential, commercial and food handling establishments