

PROFESSIONAL PEST MANAGEMENT

# THE DUAL MODE OF ACTION INSECTICIDE FOR RESISTANCE BREAKING

Apply in more places, control more pests.

FOR LIFE UNINTERRUPTED™



FOR LIFE UNINTERRUPTED™

**syngenta**®

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**Tandem**  
Insecticide

**syngenta**

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## DUAL MODE OF ACTION DELIVERS BROAD SPECTRUM CONTROL

Tandem® combines the power of two active ingredients, the resistance breaking properties of thiamethoxam with the fast control of lambda-cyhalothrin. This dual mode of action product, provides control of a broad spectrum of insect pests including bedbugs, cockroaches, flies, fleas, mosquitoes, sandflies and scorpions.

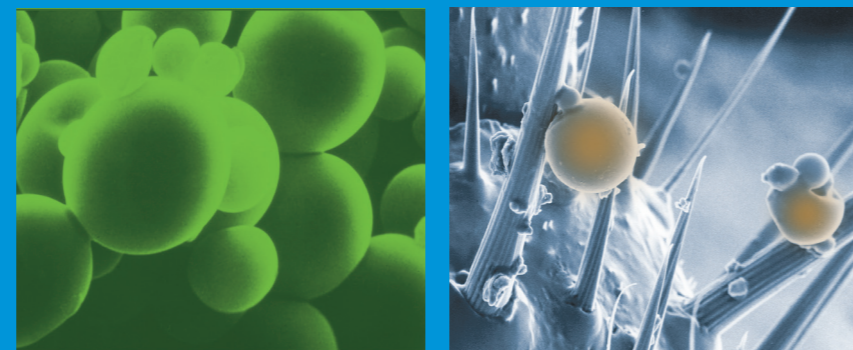
- ▶ Combines the power of two active ingredients from different chemical classes
- ▶ Broad spectrum control of a wide range of pests
- ▶ Outstanding performance
- ▶ Long residual activity on critical surfaces
- ▶ Can control insects resistant to insecticides such as pyrethroids

### The propriety ICAP™ technology from Syngenta

Tandem® features the proprietary ICAP™ technology.

The uniquely designed microcapsules deliver a controlled release for both immediate and long-lasting control of a broad range of crawling and flying pests even on common surfaces, such as concrete and PVC.

The size of the microcapsules is designed for maximum pick-up by insect pests and optimal surface coverage. The microcapsules protect Tandem® against harsh weather conditions for more effective control.



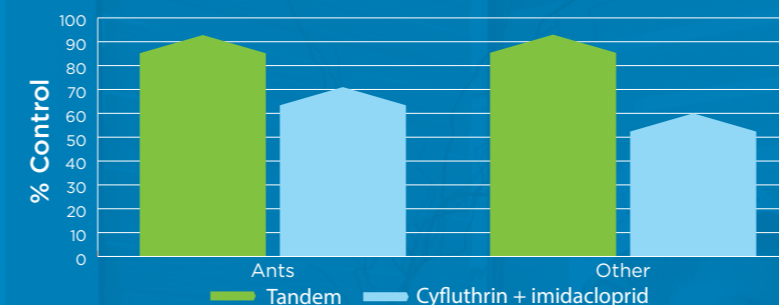
The uniquely designed microcapsules deliver a controlled release for both immediate and long-lasting residual activity.

The microcapsules contained in Tandem® adhere to insects and easily passed to other insects for thorough control.

### The resistance breaking power of Thiamethoxam

Thiamethoxam complements the activity of the pyrethroid lambda-cyhalothrin. In cases when pyrethroid resistance may limit the activity of lambda-cyhalothrin, thiamethoxam is still fully active providing the peace of mind that control will be achieved whatever the situation.

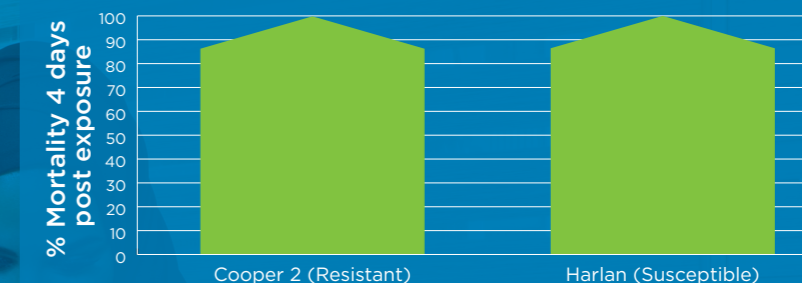
### Superior outdoor control of ants



Tandem was applied around structures at the label rate of 0.13% delivering outstanding performance on ants and other crawling insects.

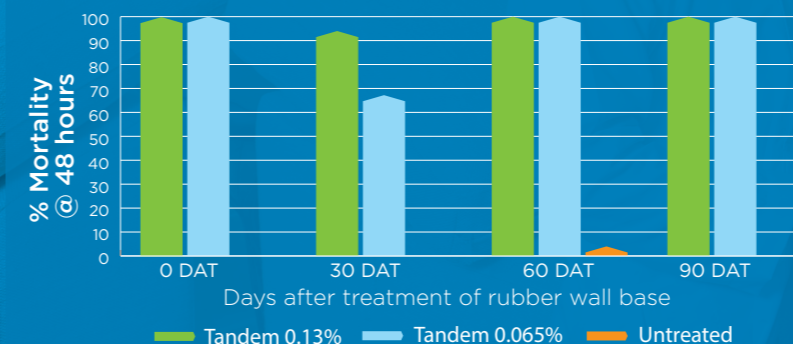
Florida, 2011, RJM Contracting, dilution rate: 0.13%

### Full control of susceptible and pyrethroid resistant bedbug strains (*cimex lectularius*) on aged tiles



Thanks to its dual mode of action, Tandem® controls both susceptible and pyrethroid resistant strains of bed bugson tiles aged for 30-dayst.

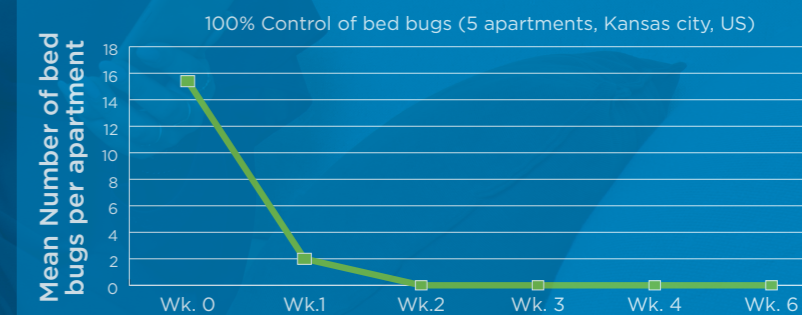
### Total control of German cockroaches for at least 90 days



German cockroaches were exposed for 30 minutes to a rubber wall base treated with Tandem at the recommended label rates of either 0.13% or 0.065%. The results demonstrate that Tandem can provide total control of German cockroaches for at least 90 days after treatment.

Long term successful residual control of German Cockroaches on a critical surface (Rubber Wall Base) (SYT-SN-USVL-010242011)

### Outstanding control of bed bugs in the field



Tandem can be used as a spot, crack and crevice or void treatment to bed bug harbourage areas such as headboards and baseboards to provide excellent control. The study above demonstrates that applying Tandem® at 0.13% led to full control of the bed bug infestation within two weeks.

ZipZap Pest Control, Kansas City, MO, PR13854

