

### Stop pests in their tracks with control that lasts

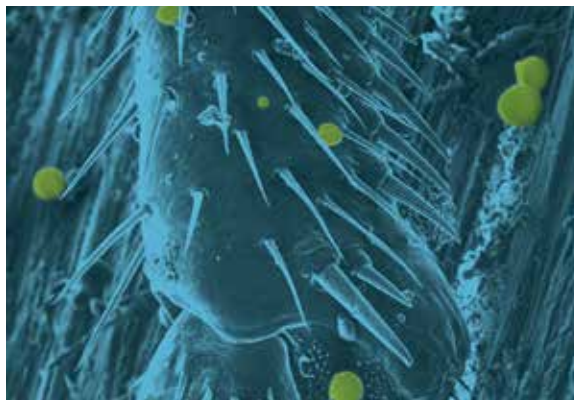
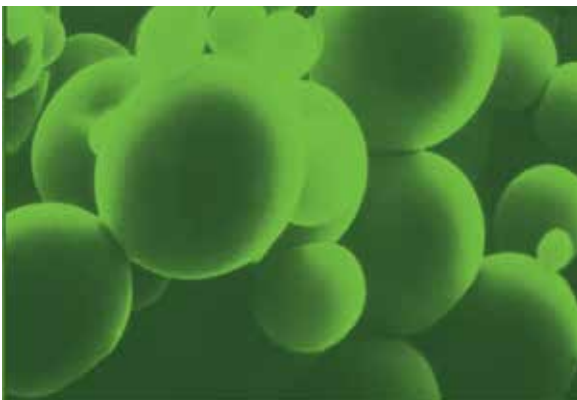
Effectively manage an array of pests with a single comprehensive and long-lasting solution. With the active ingredient lambda-cyhalothrin, Demand<sup>®</sup> CS insecticide from Syngenta is the option pest management professionals can rely on to provide residual pest control in an easy-to-use formulation, mitigating the need for time and resource consuming technician callbacks.

### Convenience for your business

Demand CS provides protection against more than 15 pests including bedbugs, ants, cockroaches, and mosquitoes. It is low-odor and non-staining, and its proprietary, microencapsulated suspension formulation stays mixed preventing clogged equipment. This allows for better handling, helping the product flow smoothly, mix easier, and disperse completely in water. Its formulation also provides fast knockdown and outstanding residual control that can last up to 90 days.

### A powerful formulation with iCAP technology

Demand CS is equipped with iCAP technology, a unique and proven formulation technology developed by Syngenta. Smaller microcaps release the active ingredient quickly for immediate control, while larger microcaps release the active ingredient later for long-lasting, residual control. These microcaps set Demand CS with iCAP technology apart from any other microcapsule formulation on the market.



The lipophilic microcaps, shown in green, adhere to the insect's waxy exoskeleton and are easily passed to other insects for thorough control.

## Not all microcaps are the same

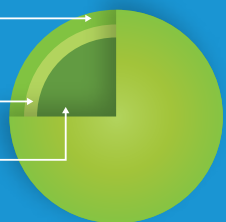
Other microcaps can degrade prematurely from heat, UV light, and pH extremes. Demand CS with iCAP technology is made with durable microcaps to withstand the elements, protecting the active ingredient for longer residual control.

### THE MAKEUP OF A MICROCAP

**Smooth outer layer:** protects the active ingredient from sunlight and pH extremes

**Spongy inner layer:** controls release rate

**Active ingredient**



## Mode of action

Lambda-cyhalothrin is a Group 3A insecticide, which works on the insect nervous system, by modulating sodium channels. Insect ingestion or contact with Lambda-cyhalothrin results in rapid paralysis and death.

## Application information and best practices

The use of Demand CS is permitted for exterior perimeter (barrier) treatment around buildings and structures. For some exterior applications, please refer to “Exterior Uses” (Section 9.1.2) or the “How to Apply” table (Section 10.6) on product label for more application details.

Interior applications are permitted, for structural and animal housing applications. Interior applications should reference labelled application restrictions as some uses only permit crack and crevice treatment. Application within food handling and food serving establishments is permitted as a crack and crevice treatment only during closed down periods.

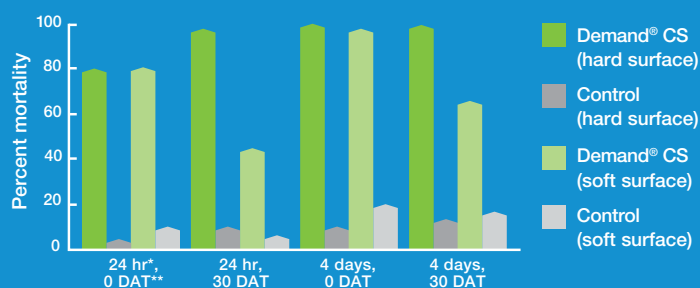
Best results will be secured with Demand CS when it is applied against the early development stages of the pest as determined by regular monitoring. Treatment may be repeated after 21 days if the pest problem persists or reoccurs but should not be applied more than a maximum of 4 times per year.

Active ingredient	Concentration	SKU size
Lambda-cyhalothrin	100 g/L AI	8 x 1 L

## Demand CS in action: Putting bed bugs to rest

Bed bugs can be easily transported to hard-to-reach areas of your customers’ homes, making them difficult to control. Demand CS insecticide can be applied to crack and crevices in baseboards, loose plaster, behind bed frames and headboards, and beneath beds and furniture. When bed bugs cross a surface treated with Demand CS, the microcaps in iCAP technology adhere to a bed bug’s cuticle, allowing the formulation to be spread to other bed bugs through contact. These microcaps of multiple sizes can provide immediate and residual control for up to three months.

Bed Bug Control on Multiple Surfaces



\*Snell 2011

\*Time after exposure period

\*\*Days after treatment

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

For more information, contact our Customer Interaction Centre at 1-87-SYNGENTA (1-877-964-3682).

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