







Pesky insects can be a nuisance indoors and outdoors, whether you're enjoying a warm fire in your home or hosting a summer cookout. Regardless of the season, no one wants to deal with the annoyance of pests in or

Syngenta is a global leader in developing pest control solutions. We partner with pest management professionals around the world to help homeowners like you enjoy your surroundings without the nuisance of pests all year.

Why Depend on Demand CS?

around their homes.

Demand® CS insecticide is one of the most effective products for controlling a wide range of pests. Studies show the active ingredient in Demand CS can be five to 20 times more effective against insects than insecticides with other active ingredients¹ — so not only will it work better, but it will also work longer. Ultimately, that adds up to a more reliable and economical solution.

Demand CS can offer peace of mind by controlling more than 30 pests indoors and outdoors on any surface. As part of the SecureChoice^{5M} assurance programs from Syngenta, it is also guaranteed to reduce the populations of many public health pests, including mosquitoes and ticks, which affect thousands of people by transmitting the Zika virus and Lyme disease.

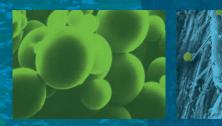
A. Saleh; Sarhad Journal of Agriculture

How it Works

Demand CS contains a uniquely formulated active ingredient, *lambda-cyhalothrin*, coupled with the power of $iCAP^{TM}$ technology:

- ➤ Active ingredient is a purified, enhanced synthetic version of the natural insect-controlling substances found in chrysanthemum plants
- ➤ The iCAP technology results in thousands of microcapsules that encase the active ingredient and are designed to be picked up by insects as they crawl over treated surfaces

Microcaps in iCAP technology vary in size: the active ingredient is released quickly from smaller microcaps for fast knockdown, while larger microcaps release the active ingredient more slowly over time. This provides up to 90 days of control of insects that directly contact or ingest a microcap.



The microcaps shown in green adhere to insects and are easily passed to other insects for thorough control.

The Makeup of a Microcap

The active ingredient in Demand CS is first encapsulated in a spongy polymer shell. Then, a smooth outer shell is applied to further protect the active ingredient from harsh environmental conditions like UV rays and pH extremes. This means the product is strong enough to deliver control for up to 90 days.

Smooth outer layer:

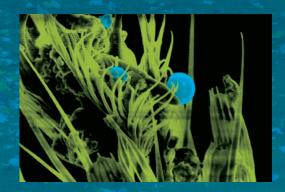
protects the active ingredient from sunlight and pH extremes

Spongy inner layer:

controls release rate

Active ingredient





A magnified photo of Demand CS with iCAP technology microcaps (in blue) on the leg of a mosquito.



