Mosquitoes can be more than an annoyance. They can carry serious diseases such as West Nile Virus, Dengue and Encephalitis. Demand CS with iCAP technology™ is a highly effective solution for controlling mosquito problems, such as in suburban areas and in residential backyards. These treatments can be an extension of your current perimeter work, with application to areas where mosquitoes hide and rest. Studies have shown customers will pay $75 or more per treatment for mosquito relief, since most homeowners would rather be enjoying their yards and porches than fighting mosquitoes.

**iCAP TECHNOLOGY DELIVERS LONG-LASTING CONTROL**

Demand CS combines an advanced-generation pyrethroid with a unique capsule suspension formulation for superior mosquito control, delivering maximum, long-term efficacy. The active ingredient, lambda-cyhalothrin, is enclosed within microcapsules for protection from surface pH extremes, sunlight and UV light that may lessen its performance. As a result, Demand CS remains potent after extended exposure in outdoor elements.

**THE DEMAND CS ADVANTAGES**

**Versatility.** Demand CS provides effective control of a wide range of adult mosquitoes in open areas, including:  
Black salt-marsh mosquitoes (Aedes taeniorhynchus)  
Common malaria mosquitoes (Anopheles quadrimaculatus)  
Salt-marsh mosquitoes (Aedes sollicitans)  
Southern house mosquitoes (Culex quinquefasciatus)

Demand CS also controls species of Culex tarsalis that exhibit resistance to organophosphorous insecticides.

Magnified photos of Demand CS with iCAP technology on the leg of a mosquito.
EASY TRANSFERAL AND TIMED RELEASE

Demand CS delivers effective control with the active ingredient’s diffusion through the pest’s cuticle. Demand CS is engineered so that once applied to the shaded and humid areas where mosquitoes rest, some microcapsules release quickly while others remain on the surface for easy transferal and longer control. Demand CS should be applied to the foliage of trees and shrubs, turf, and other landing and harbor areas. And due to extremely low use rates, Demand CS minimizes the amount of chemical introduced into the environment and is a low-hazard product when applied as directed. Care should be taken to avoid honeybees, fishponds, and bird or reptile pets.

PROVEN EFFICACY

Demand CS was the subject of a recent study by Dr. Grayson Brown and others from the University of Kentucky on mosquito control in the urban environment. The study tested the effectiveness of Demand CS in consumers’ backyards, as well as homeowner satisfaction. At the end of the testing period, it was determined that Demand CS had significant impact, reducing mosquito bites by almost 75 percent. A single application diminished mosquito populations by nearly 60 percent for 6 weeks and through periods of heavy rain. The study showed that Demand CS was more effective than a competitive product during the first few weeks of use and that homeowner satisfaction was greater with Demand CS overall. Said one homeowner:

"I’ve maybe been bit once since you have sprayed (Demand CS). But I walked to my neighbor’s the other day and was eaten alive by mosquitoes."

USAGE RATES AND APPLICATION

Make a single application of 0.2 – 0.8 fl oz of Demand CS per thousand square feet of surface area, applied for thorough and even coverage. Backpack equipment, power sprayer or aerosol generating equipment such as mist blowers may be used. Apply to target and perimeter areas. Repeat treatments at monthly intervals or as needed during the months that mosquitoes are active.

Particular areas to target include:
- Landscaping – bushes, shrubs and trees
- Dark, humid places
- Window and door screens
- Under decks, trees and other protected areas
- Lower parts of fences and external walls

ARCHER® IGR, THE PERFECT COMPLEMENT TO DEMAND CS

Archer insect growth regulator (IGR) contains pyriproxyfen, a juvenile hormone mimic. Archer can be applied around buildings in areas where mosquitoes breed (in water) or rest. As an IGR, Archer will not kill. Instead, it will cause mosquitoes to lay non-viable eggs or stop larvae from becoming adults. When used in tandem, Demand CS and Archer are the ideal combination for mosquito control.

For more information, contact your local Syngenta sales representative, call 1-866-SYNGENTA or visit www.syngentapmp.com

*Applications of Demand CS away from the structure and its immediate perimeter may require additional pesticide applicator’s certification categories, such as for turf and landscaping, or vector control. Consult your state pesticide regulatory agency for further information.

A WORLDWIDE LEADER IN PROFESSIONAL PEST MANAGEMENT