CONDITIONS ARE UNPREDICTABLE. YOUR INSECTICIDE SHOULDN’T BE.
TWO CHOICES FOR COMPLETE PEST CONTROL

It is important to choose an insecticide with comprehensive control to avoid a negative financial impact that can hurt your bottom line. With the active ingredient, lambda-cyhalothrin, Demand® CS and Demand G insecticides from Syngenta are two options Pest Management Professionals (PMPs) can rely on to provide residual insect control in easy-to-use formulations.

Demand CS: Convenience for your Business

Demand CS insecticide provides comprehensive protection against more than 30 insects such as cockroaches and bed bugs. This water-based product is both low-odor and non-staining, and its capsulated suspension formulation stays mixed and won’t clog equipment. Demand CS is compatible with a broad spectrum of labeled insecticides, synergists and additives. It is important to remember that when tank mixing Demand CS with another product, always add Demand CS last.
Demand CS: The Power of iCAP Technology

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

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 environmental conditions. This means the product is strong enough to maintain control between bi-monthly and quarterly service cycles, reducing the need to retreat customer properties.

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

Spongy inner layer:
controls release rate

Active ingredient
<table>
<thead>
<tr>
<th>Insecticide Product Feature</th>
<th>Demand® CS</th>
<th>Cy-Kick® CS</th>
<th>Tempo® SC Ultra</th>
<th>Suspend® Polyzone®</th>
<th>Cyzmic® CS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Manufacturer</td>
<td>Syngenta</td>
<td>BASF</td>
<td>Bayer</td>
<td>Bayer</td>
<td>Control Solutions, Inc.</td>
</tr>
<tr>
<td>Active ingredient</td>
<td>Lambda-cyhalothrin (9.7%)</td>
<td>Cyfluthrin (6.0%)</td>
<td>ß-cyfluthrin (11.8%)</td>
<td>Deltamethrin (4.75%)</td>
<td>Lambda-cyhalothrin (9.7%)</td>
</tr>
<tr>
<td>Maximum number of applications</td>
<td>1 application every 21 days (indoors only)</td>
<td>2 applications per week (at least 3 days apart)</td>
<td>1 application every 7 to 10 days (maximum of 6 applications on turf per year)</td>
<td>1 application every 21 days</td>
<td>1 application every 21 days (indoors only)</td>
</tr>
<tr>
<td>Use sites: food-handling establishments</td>
<td>Crack and crevice or spot treatment</td>
<td>Crack and crevice, spot or surface treatment</td>
<td>Crack and crevice, spot, surface or mist treatment</td>
<td>Do not apply in food/feed areas</td>
<td>Crack and crevice or spot treatment</td>
</tr>
<tr>
<td>Use sites: livestock/poultry housing</td>
<td>Surface or crack and crevice treatment (can be applied when cattle are present)</td>
<td>Can be used in and around livestock (no animals can be present)</td>
<td>Crack and crevice or surface treatment (can be applied indoors or when cattle or horses are present)</td>
<td>Crack and crevice or surface treatment (no animals can be present)</td>
<td>Crack and crevice or surface treatment (can be applied when cattle are present)</td>
</tr>
<tr>
<td>Use sites: turf and ornamental</td>
<td>Yes</td>
<td>No</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Percent of active ingredient per finished gallon</td>
<td>0.015% to 0.06%</td>
<td>0.05% to 0.10%</td>
<td>0.025% to 0.05%</td>
<td>0.01% to 0.06%</td>
<td>0.015% to 0.06%</td>
</tr>
<tr>
<td>Personal protective equipment (PPE)</td>
<td>N/A</td>
<td>N/A</td>
<td>Dust/mist respirator when treating overhead</td>
<td>Dust/mist respirator when treating overhead</td>
<td>N/A</td>
</tr>
</tbody>
</table>
Demand G: Advancing Granular Perimeter Pest Control

Demand G is a granular insecticide that is labeled for control of more than 30 insects, including various species of ants. Demand G can be used for lawn, landscape and perimeter use, and is able to treat more area per bag than other competitive granules. Demand G also causes no visible staining on surfaces such as brick, tile and concrete.

Ground-Breaking, Ground-Covering Technology

Demand G with Active Release technology harnesses the power of lambda-cyhalothrin in a granular form. In its original state, the granule is infused with the active ingredient. With the power of Active Release technology, the active ingredient is quickly released from the granule and onto the surface where the granule was applied, increasing the area of treated surface. Insects are then exposed to the active ingredient, resulting in efficient control.

Not All Microcaps are the Same

Microcaps can degrade prematurely from heat, UV light and pH extremes. Demand CS is made with durable microcaps to withstand the elements.

Demand CS capsule remains intact under heat and pressure.
Cyhalocap™ capsule is damaged under heat and pressure.
Cyzmic CS capsule collapses.

LambdaStar™ Insecticide capsule fully collapses under heat and pressure.
Cyonara™ insecticide has crystals – no microcaps.

Demand CS

Granule at application
Active ingredient releasing
Complete active ingredient releasing
Homes Treated for Ants Per Bag

- Demand® G insecticide 0.045%
  (2 lb./12,500 sq. ft.)
- Talstar® EZ granular insecticide 0.2%
  (2.3 lb./10,870 sq. ft.)
- DeltaGard® G insecticide granule 0.1%
  (2 lb./10,000 sq. ft.)

Source: Snell Scientifics, LLC, 2006
Four replicates used, with 20 ants per replicate.

Argentine Ant Control

Source: Syngenta, 2012
Calculated using a 5-feet treated swath, with 200 linear feet.
Minimum rates used for ants per label.
*Based on treated zone of 1,000 sq. ft. (approximate treatment zone for a 2,500 sq. ft. home).
†Trials reflect treatment rates and mixing partners commonly recommended in the marketplace.
DEMAND INSECTICIDE PROFILE

- Powered by the active ingredient, *lambda-cyhalothrin*
- Labeled for control of more than 30 general and perimeter pests
- Protected by advanced formulation technology, such as iCAP technology and Active Release technology, to provide greater insect control
- Available as a liquid or granule for added flexibility
- Formulated to be non-staining with low-odor

With a proven track record of success, Syngenta products are designed to help you get the job done right the first time. Give your customers peace of mind by controlling numerous insect pests with Demand CS and Demand G.

### Which Demand is Right for You?

Demand CS and Demand G differ by the amount of active ingredient in each product. Demand CS (9.7% active ingredient) is a concentrated product that requires more precise measuring of product per tank. Demand G is the product of choice if a granular formulation is preferred.

#### Differences in Formulation

<table>
<thead>
<tr>
<th></th>
<th>Demand CS</th>
<th>Demand G</th>
</tr>
</thead>
<tbody>
<tr>
<td>Active Ingredient</td>
<td>9.7% active ingredient</td>
<td>0.045% active ingredient</td>
</tr>
<tr>
<td>Package</td>
<td>1 qt. squeeze-and-measure; 8 oz. package</td>
<td>Granules in resealable 25 lb. bag</td>
</tr>
<tr>
<td>More finished gallons per product container</td>
<td>Provides more treatments per package than traditional granules</td>
<td></td>
</tr>
</tbody>
</table>
FOR LIFE UNINTERRUPTED™

To learn more, please visit www.SyngentaPMP.com/DemandCS.