CYZMIC CS

CONTROLLED RELEASE INSECTICIDE

CYZMIC CS is a micro-encapsulated suspension containing Lambda-Cyhalothrin and the innovative CapVantage™ technology. The broad use label includes applications for structural and perimeter pest control (including food handling), animal housing, turfgrass and ornamentals.

What Really Makes CapVantage Technology Different?

By constructing capsules with a matrix of thinner and thicker capsule walls, CapVantage™ Technology allows immediate release of some capsules for an incredibly quick knockdown, while some capsules are made to diffuse active ingredient over a period of weeks giving CYZMIC® CS a long lasting residual (shown in Figure B).

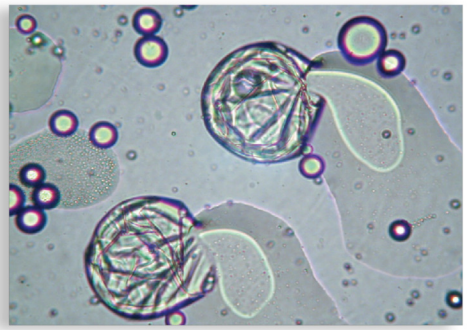


Figure B

Features & Benefits

- Slow release microencapsulated formula
- Structural & Perimeter Pest Control, Food-handling
- Turf & Ornamental and Animal Housing applications
- Low odor & quick knockdown with long lasting residual
- Multiple treatment sites & target pests
- Easy measuring
- Can be reapplied at 21-day intervals (for indoor applications)
- Packs 11,500 capsules per sq. in.

Cyzmic Profile

Active Ingredients: 9.7% Lambda-Cyhalothrin
Packaging: 12 x 8 oz/case (150 cs/pallet), 6 x 1 quart/case (80 cs/pallet)
Application Rate: See label for specific uses and rates
Mode of Action: Contact or Ingestion
Signal Word: Caution

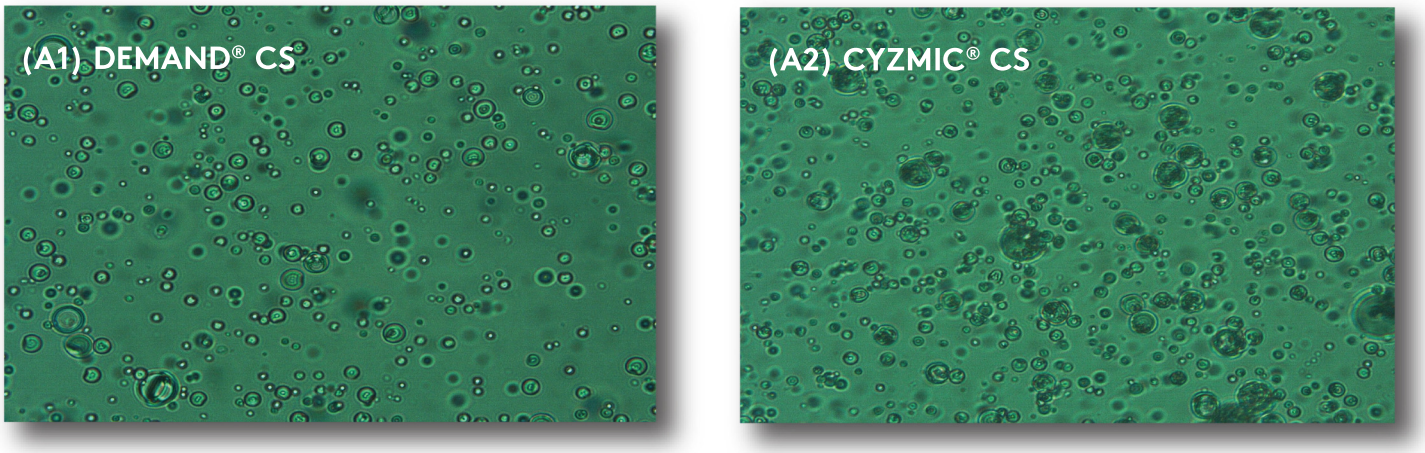
Control Solutions Inc.
ADAMA | A member of Adama Consumer and Professional Solutions

5903 Genoa-Red Bluff, Pasadena, Texas 77507 • 800.242.5562 • Fax 281.892.2501 • **www.controlsolutionsinc.com**

©2017 Control Solutions. Cyzmic may not be registered in all states.

DEMAND® CS vs CYZMIC® CS

Figure A



DEMAND CS (A1) and CYZMIC CS (A2) in 0.03% solutions at 1000x magnification. CYZMIC CS has 11,500 capsules per square inch.

Figure B

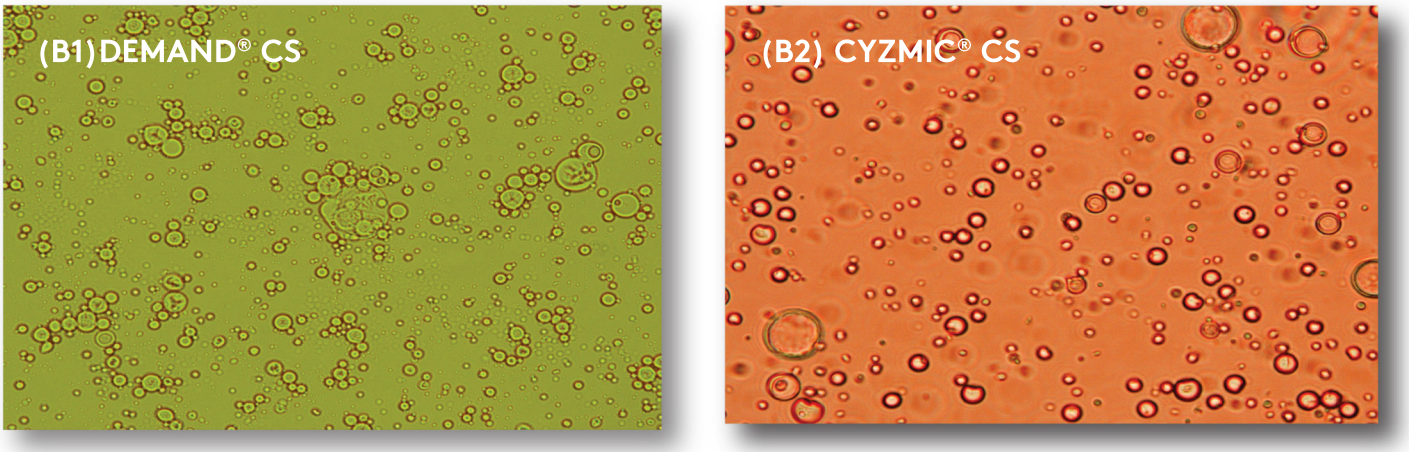


Figure B1 shows the agglomeration of capsules in DEMAND CS. The advanced formulation technique of CapVantage Technology leads to perfect dispersion of capsules to get more thorough and even coverage while spraying.

CapVantage Technology: Long lasting - Controlled Release

In a 4-week study conducted by the University of Florida, CYZMIC CS showed extremely fast knockdown upon initial application by achieving 100% mortality of all ants within 20 minutes. After 4 weeks exposed to light and heat, CYZMIC CS still had 100% mortality in under 2 hours. Shown in Figure A.

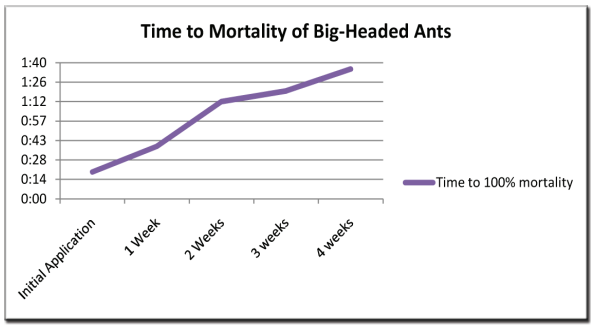


Figure A

ADAMA | Control Solutions Inc.
A member of Adama Consumer and Professional Solutions

5903 Genoa-Red Bluff, Pasadena, Texas 77507 • 800.242.5562 • Fax 281.892.2501 • **www.controlsolutionsinc.com**

©2017 Control Solutions. Cyzmic may not be registered in all states.