

# PRESCRIPTION TREATMENT<sup>®</sup> TECH NOTES

October 2000

Microcare<sup>®</sup> CS

SYSTEMS AND SUPPORT FOR INNOVATIVE SOLUTIONS

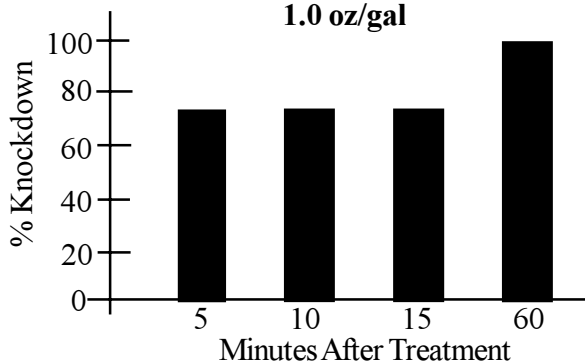
## Rapid Perimeter Pest Control

Microcare<sup>®</sup> CS is an advanced capsule suspension pyrethrum perimeter product that provides quick knockdown and repellency in and around residential and commercial structures. Microencapsulation technology disperses an effective barrier of pyrethrum capsules over the application area for increased pest exposure.



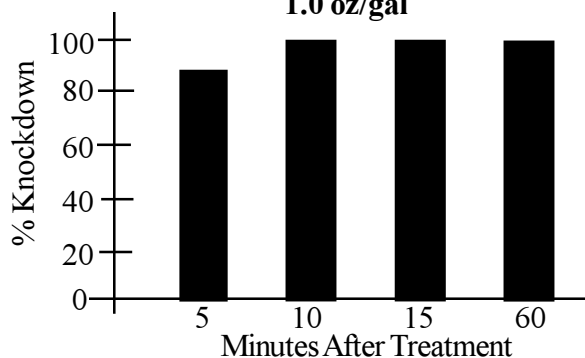
### Direct Spray on Crickets

1.0 oz/gal



### Direct Spray on Argentine Ants

1.0 oz/gal



*Bio Research 1998*

## Ideal for Sensitive Accounts

Microcare<sup>®</sup> CS is a 1.1% Pyrethrin and 5.9% dual synergist capsule suspension formulation. It is designed as a contact product with limited residual activity for sensitive environments.

## Versatile for Multi-Use Applications

Microcare<sup>®</sup> CS can be applied as a spot treatment and/or ULV/space treatment indoors and outdoors in residential, commercial, and food handling accounts.

## Application Areas

For use in and around: Airplanes (do not use in aircraft cabins), Bakeries, Beverage Plants, Calf Hutches, Canneries, Dairies, Flour Mills, Food Processing Plants, Food Storage Areas, Grain Mills, Hog Operations, Homes, Horse Barns, Hospitals and Nursing Homes (except patient rooms when occupied), Industrial Installations, Kennels, Landscapes, Loafing Sheds, Meat Packing, Milk Rooms, Milking Parlors, Motels, Office Buildings, Poultry Operations, Rail Cars, Residences, Restaurants, Schools, Ships, Stables, Supermarkets, Truck Trailers, Warehouses and Zoos.

## Target Pests

Microcare<sup>®</sup> CS is labeled for a wide variety of pests. Kills: Angoumois Grain Moths, Ants, Bees, Boxelder Bugs, Cadelles, Carpenter Ants, Centipedes, Cigarette Beetles, Clover Mites, Cockroaches, Confused Flour Beetles, Crickets, Dermestid Beetles, Dried Fruit Beetles, Drug Store Beetles, Earwigs, Firebrats, Fleas, Flies (Horn Flies, House Flies, Stable Flies), Fungus Gnat Larvae, Grain Mites, Indian Meal Moths, Mealworms, Mediterranean Flour Moths, Millipedes, Mosquitoes, Moths, Red Flour Beetles, Saw-Tooth Grain Beetles, Scorpions, Silverfish, Sow Bugs, Spiders, Ticks, Trogaderma, Wasps, Weevils (Granary Weevils and Rice Weevils), and Yellowjackets.

**Microcare® CS Dilution Rate Recommendations**

Microcare® CS should always be used according to label directions. Dilution depends upon the chosen rate (0.01% or 0.02%), the size of the spray tank, and the desired gallons sprayed per 1000 square feet. Use the chart below to determine the dilution rate. (Please follow mixing instructions on label.)

**Step 1 Choose the desired dilution rate.**

<b>0.01%</b>	<b>0.02%</b>
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**Step 2 Choose finished spray gallons per 1000 sq ft. (100 linear feet x 10 feet)**

1 gal/1000 sq ft	3 gal/1000 sq ft	5 gal/1000 sq ft	1 gal/1000 sq ft	3 gal/1000 sq ft	5 gal/1000 sq ft
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**Step 3 Choose Tank Size and determine the amount of Microcare® CS to add to a full tank of water.**

Tank Size	0.01%			0.02%		
	1 gal/1000 sq ft	3 gal/1000 sq ft	5 gal/1000 sq ft	1 gal/1000 sq ft	3 gal/1000 sq ft	5 gal/1000 sq ft
1 gal	1.0 oz	0.3 oz	0.2 oz	2.0 oz	0.7 oz	0.4 oz
4 gal	4.0 oz	1.3 oz	0.8 oz	8.0 oz	2.7 oz	1.6 oz
15 gal	15.0 oz	5.0 oz	3.0 oz	30.0 oz	10.0 oz	6.0 oz
25 gal	25.0 oz	8.3 oz	5.0 oz	50.0 oz	16.7 oz	10.0 oz
50 gal	50.0 oz	16.7 oz	10.0 oz	100.0 oz	33.3 oz	20.0 oz

**Mixing Instructions**

Thoroughly clean spray equipment before using Microcare® CS. Shake concentrate well before diluting. When diluting, first add approximately one-half of the water to the spray tank and then add the appropriate amount of Microcare® CS. Add the rest of the water and agitate the sprayer thoroughly. Agitate sprayer occasionally during use to ensure even mixture and application. (Please review mixing instructions on label.)

Use the chart below to determine the amount of finished product to spray in and around a structure.

**FINISHED SPRAY VOLUME PER STRUCTURE  
(10 square foot band treatment per 1 linear foot)**

Linear Feet	Volume of fluid applied		
	1 gal/1000 sq ft	3 gal/1000 sq ft	5 gal/1000 sq ft
50	0.5 gal	1.5 gal	2.5 gal
100	1.0 gal	3.0 gal	5.0 gal
150	1.5 gal	4.5 gal	7.5 gal
200	2.0 gal	6.0 gal	10.0 gal
250	2.5 gal	7.5 gal	12.5 gal
300	3.0 gal	9.0 gal	15.0 gal